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**FEEDING STUFFS REPORT**  
**1928**

JAMES W. KELLOGG,

Director—Chief Chemist

BUREAU OF FOODS AND CHEMISTRY



C. G. JORDAN, *Secretary of Agriculture*

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## LETTER OF TRANSMITTAL

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PENNSYLVANIA DEPARTMENT OF AGRICULTURE

Bureau of Foods and Chemistry

Harrisburg, March 1, 1929

Hon. C. G. Jordan,

Secretary of Agriculture,

Harrisburg, Pa.

Dear Sir:—I have the honor to transmit herewith for your approval an annual report, showing the results of chemical and microscopical analyses of the official samples of Feeding Stuffs selected from sales agencies throughout the Commonwealth by Special Agents of the Bureau during 1928, as provided by the Feeding Stuffs Law, Act of May 3, 1909, as amended May 11, 1921, and March 19, 1923.

It is recommended that this report be published in bulletin form for distribution.

Very respectfully,

JAMES W. KELLOGG,

*Director-Chief Chemist*



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# FEEDING STUFFS REPORT

## 1928

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### INTRODUCTION

The Feeding Stuffs Law, Act of May 3, 1909, as amended, requires all Commercial Feeding Stuffs to be registered for each calendar year and before being offered for sale; all sacks or attached cards to be printed with brand or trade names, names of manufacturers or importers, guarantees for protein, fat and fiber and statements of composition or names of ingredients; prohibits misbranding and adulteration and provides for enforcement by means of inspections, collection and analyses of official samples and the publication of results of analyses for the information of the public. Provision is also made for the analysis of special samples for residents of Pennsylvania. Feeding Stuffs are defined to include all by-product materials, mixed feeds and mineral mixtures used for feeding domestic animals and poultry.

The official samples of Feeding Stuffs collected in 1928 from sales agencies by the Special Agents of the Bureau and submitted for examination, together with reports showing methods of labelling and sales, numbered 1233. Of this number 1122 samples, which represented registered brands and those products coming under the provisions of the law, were analyzed chemically and microscopically in order to determine the correctness of guarantees and forms of branding and for the presence of prohibited materials. They included 757 different kinds and brands registered by 267 manufacturers and importers and the classes represented, together with the number of samples in each class, were as follows:

Classes	Samples
Oil Cake Products, . . . . .	70
Distillery and Brewery By-Products, . . . . .	9
Maize By-Products, . . . . .	29
Wheat Offals, . . . . .	233
Rye Offals, . . . . .	1
Oat By-Products, . . . . .	4
Alfalfa Meal, . . . . .	20
Dried Beet Pulp, . . . . .	6
Proprietary Dairy Feed, . . . . .	169
Proprietary Stock, Horse and Mule Feed, . . . . .	94
Proprietary Calf Meal, . . . . .	5
Proprietary Swine Feed, . . . . .	39
Proprietary and Miscellaneous Chop Feed, . . . . .	74
Miscellaneous Feed, . . . . .	15
Proprietary Poultry Scratch Feed, . . . . .	115
Proprietary Poultry Mash Feed, . . . . .	167
Animal By-Products, . . . . .	72
Total . . . . .	1,122

In addition to the official samples 697 special samples were received from residents of the State and analyzed as provided for a fee of \$1.00 each and reports of results obtained promptly mailed to the senders. The fees received were paid to the State Treasurer, as required. The results of analyses are not included in this report because they were obtained for private information.

The official and special Feeding Stuffs analyzed during the year totalled 1819 samples.

Registrations for 1928 were submitted by 1075 manufacturers and importers and 1386 licenses were issued for the sale of 4040 kinds and brands of Feeding Stuffs. A license fee of \$25.00 is required to be paid for each kind and brand of mixed and by-product feed except in the case of Pure Wheat, Rye and Buckwheat Brand and Middlings, Corn and Oats Chop and Corn Meal, for which a \$6.00 fee is charged. These fees as soon as accepted, upon approval of applications for registration, were promptly paid to the State Treasurer, as required.

## CONCLUSIONS

Of the total number of official samples analyzed 1086 represented brands from shipments guaranteed as required. Of this number 107, or 9.9 per cent., were found to be deficient to the extent of 1 per cent. or more in protein and .50 per cent. or more in fat, or in both of these constituents, compared with guarantees. Of this total proportion of deficiencies there were 47, or 4.3 per cent. of the samples deficient in protein alone, 45, or 4.1 per cent., in fat alone and 15, or 1.4 per cent., in both protein and fat. The total proportion of deficiencies was in excess of that of 7.4 per cent. reported for the 1927 inspection as well as also being in excess of the deficiencies estimated for the 1926 and 1925 inspections and the proportion in the case of these making up the total was also in excess of the estimate for the feeds examined during the preceding year. While these deficiencies are not excessive they show a condition which should be improved. When nearly 10 per cent. of the feeds purchased and guaranteed to contain certain definite amounts of feeding nutrients fail to meet their guarantees the consumers who purchase and receive such shipments experience a considerable loss.

In the case of the by-product feeds the largest proportion of deficiencies occurred in the Wheat White Shorts where 28 per cent. were below the guarantees, followed by 18.1 per cent. deficiencies in the Animal By-Products, 7.9 per cent. in Cottonseed Meal and 6.8 per cent. in Wheat Bran. The class of mixed feeds showing the greatest proportion of failures to meet guarantees for protein and fat was the Miscellaneous Feeds where 28.6 per cent. were deficient. The Proprietary and Miscellaneous Chop Feeds were deficient to the extent of 15.9 per cent.; the Proprietary Dairy Feeds, 14.8 per cent.; the Swine Feeds, 7.7 per cent.; the Stock, Horse and Mule Feeds, 7.5 per cent. and the Poultry Mash Feeds 6.7 per cent. The proportion of deficiencies in the other classes of mixed feeds were much lower than the foregoing.

All of the samples, in addition to being analyzed chemically, were examined microscopically in order to ascertain the correctness of composition, branding and guaranteeing and for the presence of prohibited materials. In the case of the by-product feeds only a few were found not to be "As certified" except in the case of the Animal By-Products in which 10 of the 82 samples, claimed to be Meat and Bone Scraps, were found to include tankage and varying proportions of hoof meal.

More than one half of the total samples, or 664, were Proprietary Mixed Feeds and of this number 522, or 78.6 per cent., were found, upon microscopic examination, to be "As certified". This proportion of feeds, which were found to be as claimed, was 4 per cent. better than reported for those examined during the 1927 inspection. The variations in composition in the mixtures which were found to not be in agreement with claims made were usually minor in character.

Of the Dairy Feeds 78.1 per cent. of the 169 samples were found to be "As certified". The variations in composition included the presence of a small amount of whole weed seeds, such additional ingredients as Malt Sprouts, Oat Meal Mill By-Products, Alfalfa Stems, Flax Plant Refuse, Hominy Feed and Ground Grains and the absence of certain ingredients such as Salt, Bone Meal, Soya Bean Meal, Corn Oil Cake Meal, Sugar and Calcium Carbonate. Six of the samples were high in fiber compared with guarantees.

Of the 94 samples of Stock, Horse and Mule Feeds, 72.3 per cent. were found to be "As certified". The variations from claimed compositions included a few samples which contained large and small amounts of whole seed seeds, Corn, Oat Screenings and Alfalfa Meal and the absence of Barley, Alfalfa Meal, Salt and Calcium Carbonate. Eight samples over-run their fiber guarantees.

All of the 5 samples of Calf Meal were found to include the ingredients claimed.

In the case of the Swine Feeds 71.8 per cent. of the 39 samples were found to be "As certified". The variations from claimed compositions included the presence of such added ingredients as Charcoal, Oat Meal Mill By-Product, Ground Grain Screenings, Oats, Barley, Millet, Kaffir Corn, Buckwheat, Cottonseed Meal, Malt Sprouts and Tankage and the absence of Corn Oil Cake Meal, Salt and Calcium Carbonate.

Of the classes of Proprietary and Miscellaneous Chop and Mixed Feeds, of which 75 were mixtures of various types, 81.3 per cent. of these were found to be in agreement with their claimed compositions and the variations which occurred were minor ones and did not seriously change their general character.

The results of examination of the 115 samples of Poultry Scratch Feeds showed a 85.2 per cent. agreement with claimed compositions. In mixtures where variations occurred they included failures to con-

tain Barley, Oats, Buckwheat and Sunflower Seed and additional ingredients such as Sunflower Seed, Oats, Kaffir Corn, Barley and Buckwheat.

There were 167 samples of Poultry Mash Feeds, and 77.8 per cent. of these were "As certified". The mixtures which were found to be not in agreement with claimed compositions included such additional ingredients as Wheat Bran, Ground Grain Screenings, Alfalfa Meal, Cottonseed Meal, Corn Glumes, Tankage, Hoof Meal, Rye, Oats, Barley, Kaffir Corn, Bone Meal, Wheat Bran, Salt and small amount of whole weed seeds. A few feeds failed to contain Salt, Sugar, Soya Bean Meal, Cocoanut Oil Meal, Iron Sulphate and Magnesium Sulphate.

A summary of these results show that 90.1 per cent. of the official samples met their guarantees for protein and fat, that 78.6 pere cent. of the Mixed Feeds were "As certified" and that nearly all of the by-product feeds were properly branded. While the inspection work was not comprehensive enough to represent every brand and kind of feed sold during 1928, it may be fairly concluded that consumers, as a rule, received Feeding Stuffs which were normal and not seriously misrepresented as to composition nor for guaranteed nutrients, especially as in many cases the deficiencies noted were balanced by overruns. There was no evidence that any attempt at misbranding occurred and the variations referred to may, in most cases, be attributed to normal errors in manufacturing.

The estimated average retail selling prices for each of the several classes of Feeding Stuffs were higher in each class than those estimated as prevailing for the same classes for the 1927 inspection except in the case of Corn Gluten Meal, Wheat Germ Middlings and Poultry Bone. The retail values given are those at which the feeds were reported as being offered for sale at the time of sampling and cannot be considered an accurate index of retail values except possibly in those classes where a larger number of samples are included in which cases the estimates will simply show an approximate average as prevailing for the year. The following comparisons of the average tonnage values estimated, as prevailing for 1928 and 1927 respectively for certain classes may be of interest as follows: Cottonseed Meal, \$62.11, \$48.10; Linseed Oil Meal, \$61.20, \$58.67; Brewers Dried Grains, \$47.57, \$46.00; Corn Gluten Feed, \$50.47, \$44.65; Wheat Bran, \$45.78, \$40.29; Wheat Standard Middlings, \$46.34, \$42.84; Alfalfa Meal, \$54.54, \$49.63; Dairy Feeds, \$54.00, \$49.12; Stock, Horse and Mule Feeds, \$46.90, \$43.00, Calf Meals, \$80.80, \$78.80; Swine Feeds, \$61.11, \$57.84; Poultry Scratch Feeds, \$62.49, \$58.48; Poultry Mash

Feeds, \$74.07, \$70.81; Meat and Bone Scrap, \$90.33, \$86.08; Tankage, \$83.10, \$79.40. These average values for each class will be found in Table II.

In Table I will be found a Classification of Samples Analyzed and a Summary of Deficiencies; in Table II, Average Analyses and Retail Prices and in Table III, which forms the larger proportion of the report, will be found the Results of Chemical Analyses and Microscopical Examinations in detail for each official sample received, together with brand and trade names, names and addresses of manufacturers, importers and selling agents according to classification shown in Table I.

#### ACKNOWLEDGMENTS

Mr. V. B. Hausknecht, First Assistant Chemist, in charge of the Chemical Laboratory, had immediate supervision of the analytical and clerical work and Mr. H. E. Gensler, Assistant Chemist and Micro-Analyst, had charge of the reception of all official samples, made duplicate analyses and check determinations where required and examined each sample microscopically. The reception and approval of Feeding Stuffs registrations was in charge of W. E. Huber, Bureau Secretary. The following Assistant Chemists took part in the analytical work: Messrs. G. J. Kuhlman, Jr., Claude R. Engle, Mooredeen Plough and Robert B. Kilborn. The samples were prepared for analysis by Myrle W. Copeland, Laboratory Assistant.

TABLE I. CLASSIFICATION OF SAMPLES ANALYZED AND SUMMARY OF DEFICIENCIES

Name of Feeding Stuffs	Number of samples analyzed	Number of samples guaranteed	Deficient in protein and fat	Deficient in protein alone	Deficient in fat alone
Cottonseed Meal, -	38	38	-	3	-
Linseed Oil Meal, -	31	31	-	-	3
Cocoanut Oil Meal, -	1	1	-	-	-
Distillers' Dried Grains, -	1	1	-	-	-
Brewers' Dried Grains, -	7	7	-	-	1
Malt Sprouts, -	1	1	-	-	-
Corn Gluten Meal, -	2	2	-	-	-
Corn Gluten Feed, -	17	17	-	-	-
Hominy Feed, -	5	5	-	-	1
Corn Feed Meal, -	5	5	-	-	-
Wheat Bran, -	99	88	-	3	3
Mixed Feed—Wheat By-Products, -	10	10	-	1	-
Wheat Standard Middlings, -	28	28	-	-	-
Wheat Flour Middlings, -	42	41	-	3	-
Wheat Germ Middlings, -	1	1	-	-	-
Gray Shorts, -	7	6	-	1	-
White Shorts, -	32	25	2	2	3
Low Grade Flour, -	14	12	2	-	-
Rye Middlings, -	1	1	-	-	-
Oat Feed, -	4	4	-	-	-
Alfalfa Meal	20	20	-	3	-
Dried Beet Pulp, -	6	6	-	-	-
Proprietary Dairy Feed, -	169	169	4	3	18
Proprietary Stock, Horse and Mule Feed, -	94	94	-	3	4
Proprietary Calf Meal, -	5	5	-	-	-
Proprietary Swine Feed, -	39	39	1	1	1
Proprietary and Miscellaneous Chop Feed, -	74	63	1	3	6
Miscellaneous Feed, -	15	14	4	-	-
Proprietary Poultry Feed:					
Scratch Feed, -	115	115	-	1	2
Mash Feed, -	167	165	1	8	2
Animal By-Products:					
Meat and Bone Scrap, -	44	44	-	6	-
Fish Scrap, -	11	11	-	2	-
Tankage, -	12	12	-	4	-
Poultry Bone, -	5	5	-	-	1
	1,122	1,086	15	47	45

TABLE II. AVERAGE ANALYSES AND RETAIL PRICES

Name of Feeding Stuffs	Number of samples analyzed	Protein	Fat	Fiber	Price per ton
Cottonseed Meal, -----	38	41.86	7.01	8.42	62.11
Linseed Oil Meal, -----	31	34.49	5.94	7.97	61.20
Cocoanut Oil Meal, -----	1	19.75	7.03	7.43	-----
Distillers' Dried Grains, -----	1	22.69	8.74	14.15	-----
Brewers' Dried Grains, -----	7	22.18	6.06	15.64	47.57
Malt Sprouts, -----	1	27.31	1.76	12.79	-----
Corn Gluten Meal, -----	2	42.85	1.92	2.30	58.00
Corn Gluten Feed, -----	17	26.07	2.35	7.31	50.47
Hominy Feed, -----	5	11.24	5.45	4.07	50.25
Corn Feed Meal, -----	5	10.09	4.44	3.02	52.20
Wheat Bran, -----	99	15.45	4.75	9.16	45.78
Mixed Feed—Wheat By-Products, -----	10	15.75	5.25	6.65	47.14
Wheat Standard Middlings, -----	28	16.89	5.71	7.46	46.34
Wheat Flour Middlings, -----	42	16.49	5.06	5.58	49.38
Wheat Germ Middlings, -----	1	27.44	11.01	2.83	57.00
Gray Shorts, -----	7	15.25	4.35	4.55	50.15
White Shorts, -----	32	15.21	4.02	3.15	51.00
Low Grade Flour, -----	14	14.82	3.66	1.95	54.86
Rye Middlings, -----	1	16.13	3.40	5.46	44.00
Oat Feed, -----	4	5.91	2.36	26.65	37.40
Alfalfa Meal, -----	20	15.73	1.69	27.21	54.54
Dried Beet Pulp, -----	6	9.41	0.76	17.79	51.84
Proprietary Dairy Feed, -----	169	22.76	4.50	9.38	54.00
Proprietary Stock, Horse and Mule Feed, -----	94	9.69	3.07	10.11	46.90
Proprietary Calf Meal, -----	5	23.97	4.72	4.37	80.80
Proprietary Swine Feed, -----	39	19.04	4.79	6.54	61.11
Proprietary Poultry Feed:					
Scratch Feed, -----	115	10.92	3.00	2.51	62.49
Mash Feed, -----	167	18.93	5.13	5.74	74.07
Animal By-Products:					
Meat and Bone Scrap, -----	44	50.17	11.45	1.64	90.33
Fish Scrap, -----	11	57.85	9.61	1.07	91.20
Tankage, -----	12	58.35	9.86	1.57	88.10
Poultry Bone, -----	5	19.89	3.51	3.59	65.00

## KEY TO TABLES SHOWING ANALYSES OF OFFICIAL SAMPLES

Each sample received was analyzed for moisture, protein, fat and fiber and examined microscopically in order to determine the correctness of guarantees and lists of ingredients and for the purpose of detecting the presence of inferior or prohibited materials. The results of chemical and microscopical examinations are included in Table III, according to classification shown in Table I. Where 2 or more samples of the same class or kind are included the results of analyses and retail selling values were averaged. The brand names, names and addresses of Manufacturers, Importers and Selling Agents are shown in alphabetical order under each classification. In addition to the results of analyses the guarantees found printed upon sacks, attached cards or upon cards attached to bins where bulk sales were made, together with guaranteed compositions, are also shown. In those cases where the protein was found to be 1 per cent or more below and the fat .50 per cent, or more below the guarantees, they were considered deficient. Each sample was given a number, which are shown in the first and last columns.

The several classes of Feeding Stuffs will be found in Table III under the following general headings and sub-headings:

**OIL CAKE PRODUCTS** including Cottonseed Meal, Old Process Linseed Oil Meal and Cocoanut Oil Meal.

**DISTILLERY AND BREWERY BY-PRODUCTS** including Brewers' Dried Grains and Malt Sprouts.

**MAIZE BY-PRODUCTS** including Corn Gluten Meal, Corn Gluten Feed, Hominy Feed and Corn Feed Meal.

**WHEAT OFFALS** (with and without Ground Grain Screenings) including Wheat Bran, Wheat Mixed Feed:—Wheat By-Products, Standard middlings, Flour middlings, Germ middlings, Gray Shorts, White Shorts and Low Grade Flour.

**RYE OFFALS** including Rye middlings.

**OAT BY-PRODUCTS** including Oat Feed.

**ALFALFA MEAL.**

**DRIED BEET PULP.**

**MIXED FEEDS: PROPRIETARY AND MISCELLANEOUS** including Proprietary Dairy Feed, Proprietary Stock, Horse and Mule Feed, Proprietary Calf Meal, Proprietary Swine Feed, Proprietary and Miscellaneous Chop Feed, Miscellaneous Feed and Proprietary Poultry Scratch Feed and Mash Feed.

**ANIMAL BY-PRODUCTS** including Meat and Bone Scrap, Fish Scrap, Tankage and Poultry Bone.

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein				
			Moisture	Found	Guaranteed		
<u>OIL CAKE PRODUCTS</u>							
<u>COTTONSEED MEAL</u>							
6150	E. T. ALLEN COMPANY, ATLANTA, GA. High Grade, -----'	S. E. Rumpf, New Milford,	% 6.84	% 42.25	% 41.12		
6060	ASHCRAFT-WILKINSON COMPANY, ATLANTA, GA.	Blank & Gottshall Co., Inc., Sunbury.	7.13	40.06	41.00		
6025	Helmet Brand Prime, -----'	David R. Diehl, Weissport, --	5.86	41.88	41.00		
6310	Helmet Brand Prime, -----'	John W. Eshelman & Sons, Lancaster.	6.54	43.38	41.00		
6223	Helmet Brand Prime, -----'	Wayne Milling Co., Honesdale.	7.86	41.06	41.00		
6533	Monarch Brand Prime, -----'	Neil S. Harrison, Forks, ---	6.73	43.19	43.00		
6258	H. J. BAKER & COMPANY, NEW YORK, N. Y. Baker's Prime, -----	M. C. Deitz's Sons, Mechanicsburg.	7.16	42.56	41.00		
7187	F. W. BRODE CORPORATION, MEMPHIS, TENN. Owl Brand 41% Prime, -----	C. V. Adams, Lancaster, ---	8.14	34.63	41.00		
6880	Owl Brand 41% Prime, -----	C. R. Berger, Trout Run, --	5.46	40.06	41.00		
7188	Owl Brand 41% Prime, -----	H. O. Kimmel, Shelocta, ----	6.68	43.13	41.00		
6376	Owl Brand 41% Prime, -----	Owings Brothers, York, -----	5.72	41.13	41.00		
6592	Owl Brand 41% Prime, -----	West Side Feed & Fuel Co., Erie.	7.55	41.63	41.00		
7189	Owl Brand 43% Prime, -----	H. O. Kimmel, Shelocta, ----	5.82	42.88	43.00		
<u>S. P. DAVIS, LITTLE ROCK, ARK.</u>							
6474	Good Luck Brand, -----	Z. L. Brothers, Ebensburg,	6.67	41.75	41.00		
6890	Steerboy Brand, -----	Conneaut Lake Roller Mills, Conneaut Lake.	6.88	43.50	43.00		
<u>GREEN-MISH COMPANY, WASHINGTON, D. C.</u>							
6355	Green Tag Brand, -----	C. M. Wolf, Gettysburg, ---	5.64	42.19	41.00		
<u>HUMPHREYS-GOODWIN COMPANY, MEMPHIS, TENN.</u>							
6001	Bull Brand, -----	Blank & Gottshall Co., Inc., Sunbury.	8.00	43.25	43.00		
7074	Bull Brand, -----	Cooperative Grange Milling Co., Titusville.	6.60	44.31	43.00		
6399	Bull Brand, -----	Linus M. Lewis, Indiana, ---	6.46	44.75	43.00		

## FEEDING STUFFS COLLECTED IN 1928

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed	Found				
7.12	6.00	9.01	10.00	\$ 57.00	Made from upland cotton-seed.	As certified, ----- 6150
8.22	6.00	9.91	10.00	3.00	Made from upland cotton-seed.	As certified, ----- 6009
6.74	6.00	9.81	10.00	54.00	Made from upland cotton-seed.	As certified, ----- 6025
7.55	6.00	7.95	10.00	-----	Made from upland cotton-seed.	As certified, ----- 6310
7.73	6.00	9.94	10.00	55.00	Made from upland cotton-seed.	As certified, ----- 6223
7.90	6.00	7.37	10.00	3.50	Made from upland cotton-seed.	As certified, ----- 6533
6.93	5.00	8.01	10.00	-----	Cottonseed meal, -----	6258
6.20	5.00	12.54	10.00	-----	Made from cottonseed, -----	Cottonseed meal and cottonseed hulls. 7187
5.98	5.00	10.11	10.00	68.00	Made from cottonseed, -----	As certified, ----- 6830
6.66	5.00	8.03	10.00	54.50	Made from cottonseed, -----	As certified, ----- 7188
6.82	5.00	8.67	10.00	60.00	Made from cottonseed, -----	As certified, ----- 6376
6.55	5.00	8.84	10.00	3.20	-----	Cottonseed meal, ----- 6592
6.99	5.00	8.42	10.00	57.00	Made from cottonseed, -----	As certified, ----- 7189
7.18	6.00	7.64	10.00	57.00	Made from decorticated cot-tonseed.	As certified, ----- 6474
7.18	6.00	6.94	10.00	3.20	Made from decorticated cot-tonseed.	As certified, ----- 6890
7.62	6.00	8.09	10.00	57.00	Made from cottonseed, -----	As certified, ----- 6355
6.75	5.00	6.79	10.00	3.10	Made from pressed cotton-seed.	As certified, ----- 6001
6.70	5.00	6.19	10.00	60.00	Made from pressed cotton-seed.	As certified, ----- 7074
7.08	5.00	7.00	10.00	3.25	Made from pressed cotton-seed.	As certified, ----- 6390

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7111	Dixie Brand, -----	Dietrich & Gambrill, Inc., Lewisburg.	4.94	41.25	41.12
6308	Dixie Brand, -----	John W. Eshelman & Sons, Lancaster.	5.44	41.63	41.12
5979	Dixie Brand, -----	Mack Brothers, Titusville, ..	8.85	41.75	41.12
6589	Dixie Brand, -----	Schrumper Brothers, Belle Valley.	9.00	40.44	41.12
7157	Dixie Brand, -----	Westminster Supply Co., Erie.	5.23	39.63	41.12
THE LARROWE MILLING CO., DETROIT, MICH.					
6869	Larrove Brand Choice, -----	Emporium Milling Co., Emporium.	7.29	42.25	43.00
L. B. LOVITT & CO., MEMPHIS, TENN.					
6010	Lovit Brand 41%, -----	Blank & Gottshall Co., Inc., Sunbury.	8.25	41.44	41.00
6290	Lovit Brand 41% -----	A. L. Herr & Brother, Quarryville.	4.55	41.00	41.00
6431	Lovit Brand 41%, -----	Moscow Milling Co., Moscow.	6.51	42.00	41.00
6881	Lovit Brand 43%, -----	C. R. Berger, Trout Run, ..	6.96	43.50	43.00
6568	Lovit Brand 43%, -----	Geo. M. Witmer's Sons, Selinsgrove.	7.20	43.81	43.00
MARIANNA SALES CO., MEMPHIS, TENN.					
6595	White Mule Brand Prime 41%, -----	City Feed Store, Titusville,	9.76	41.69	41.00
6957	White Mule Brand Prime 41%, -----	A. H. Klugh, New Kensington.	7.36	40.56	41.00
6710	White Mule Brand Prime 41%, -----	R. C. Meek Estate, Allenwood.	6.53	39.50	41.00
7178	White Mule Brand Prime 41%, -----	Tyrone Milling Co., Tyrone,	6.27	41.38	41.00
6244	White Mule Brand Prime 43%, -----	Farmers' Exchange, Indiana,	6.19	44.13	43.00
5975	White Mule Brand Prime 43%, -----	H. C. Hutchinson, Hyde-town.	8.89	42.19	43.00
6402	White Mule Brand Prime 43%, -----	Latrobe Feed Supply Co., Latrobe.	6.93	42.81	43.00
MEMPHIS COTTONSEED PRODUCTS CO., MEMPHIS, TENN.					
6233	Durham Forty One Prime, -----	Edwards Brothers, Byer, ....	8.60	42.25	41.00
AVERAGE, -----					
		Average, -----	6.91	41.86	-----
LINSEED OIL MEAL, O. P.					
AMERICAN LINSEED COMPANY, CHICAGO, ILL.					
6824	Alineo Old Process Linseed Meal, -----	A. S. Bowser, Kittanning, ..	6.64	35.00	34.00
7024	Alineo Old Process Linseed Meal, -----	Montour Mills, Bloomsburg,	8.60	34.63	34.00
6114	Alineo Old Process Linseed Meal, -----	Star Milling Co., Clymer, ..	7.41	34.19	34.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
6.92	5.60	7.53	10.00	\$-----	Made from pressed cottonseed.	As certified, -----	7111
7.16	5.00	9.01	10.00	\$-----	-----	Cottonseed meal, -----	6308
6.84	5.00	9.64	10.00	2.80	Made from pressed cottonseed.	As certified, -----	5979
6.99	5.00	9.87	10.00	3.25	Made from pressed cottonseed.	As certified, -----	6589
6.73	5.00	8.75	10.00	2.80	Made from pressed cottonseed.	As certified, -----	7157
7.43	6.00	7.19	10.00	77.00	Made from deoiled cottonseed.	As certified, -----	6869
6.78	6.00	8.40	10.00	3.00	Cottonseed meal, -----	As certified, -----	6010
7.12	6.00	7.65	10.00	\$-----	-----	Cottonseed meal, -----	6290
6.36	6.00	9.72	10.00	65.00	Cottonseed meal, -----	As certified, -----	6431
6.92	6.00	7.56	10.00	68.00	Cottonseed meal, -----	As certified, -----	6881
6.85	6.00	7.73	10.00	3.10	Cottonseed meal, -----	As certified, -----	6568
6.96	6.00	8.90	10.00	3.25	Made from cottonseed, -----	As certified, -----	6595
7.09	6.00	8.64	10.00	3.25	Made from cottonseed, -----	As certified, -----	6957
6.57	6.00	10.56	10.00	4.00	Made from cottonseed, -----	As certified, -----	6710
6.83	6.00	8.20	10.00	58.00	Made from cottonseed, -----	As certified, -----	7178
7.55	6.00	6.83	10.00	3.25	Made from cottonseed, -----	As certified, -----	6244
7.82	6.00	8.12	10.00	2.90	Made from cottonseed, -----	As certified, -----	5975
6.86	6.00	7.39	10.00	3.00	Made from cottonseed, -----	As certified, -----	6402
6.70	6.00	7.27	10.00	3.15	Made from cottonseed, -----	As certified, -----	6233
7.01	-----	8.42	-----	62.11			
5.96	5.00	7.62	9.00	3.25	-----	Linseed oil meal, -----	6824
5.72	5.00	7.51	9.00	3.10	-----	Linseed oil meal, -----	7024
4.68	6.00	7.85	9.00	3.00	-----	Linseed oil meal, -----	6114

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	ARCHER-DANIELS MIDLAND COMPANY, MINNEAPOLIS, MINN.				
6929	Pure Old Process Linseed Meal, -----	J. B. Anderson Son, Shick-shinny.	8.47	34.38	34.00
6732	Pure Old Process Linseed Meal, -----	Ash Brothers, Briar Creek,--	9.74	34.31	34.00
5997	Pure Old Process Linseed Meal, -----	Blank & Gottshall Co., Inc., Sunbury.	9.82	35.06	34.00
7033	Pure Old Process Linseed Meal, -----	Davenport Mills, Bloomsburg.	8.60	34.06	34.00
6026	Pure Old Process Linseed Meal, -----	David R. Diehl, Weissport,	9.20	33.19	34.00
6124	Pure Old Process Linseed Meal, -----	Thomas K. George, Homer City.	7.85	34.13	34.00
6147	Pure Old Process Linseed Meal, -----	S. E. Rumpf, New Milford,--	8.25	35.63	34.00
6318	Pure Old Process Linseed Meal, -----	Lakeview Milling Co., Chambersburg.	9.62	35.06	34.00
6935	Pure Old Process Linseed Meal, -----	Mitchell Milling Co., Clearfield.	8.26	34.94	34.00
6587	Pure Old Process Linseed Meal, -----	Schrinper Brothers, Belle Valley.	9.15	34.06	34.00
	SPENCER KELLOGG & SONS, INC., BUFFALO, N. Y.				
7112	Kellogg's Pure Old Process Linseed Meal.	Dietrich & Gambrill, Inc., Lewisburg.	7.46	34.81	34.00
6311	Kellogg's Pure Old Process Linseed Meal.	John W. Eshelman & Sons, Lancaster.	8.17	36.06	34.00
6703	Kellogg's Pure Old Process Linseed Meal.	R. C. Meek Estate, Allenwood.	8.50	35.88	34.00
6106	Kellogg's Pure Old Process Linseed Meal.	H. J. Mullany, DuBois, -----	8.71	34.31	34.00
6410	Kellogg's Pure Old Process Linseed Meal.	C. J. Shuster, Delmont, ----	10.39	35.00	34.00
6497	Kellogg's Pure Old Process Linseed Meal.	E. F. Spahr & Co., Roscoe,	9.35	36.00	34.00
	THE MANN BROTHERS CO., BUFFALO, N. Y.				
6151	Pure Old Process Linseed Meal 33% Protein.	Plymouth Mill & Grain Co., Plymouth.	11.00	32.50	33.00
6611	Pure Old Process Linseed Meal 33% Protein.	G. W. Steese, Lewisburg, ---	9.89	33.00	33.00
6058	Pure Old Process Linseed Meal 33% Protein.	E. E. Wentz, Lock Haven,--	11.19	32.94	33.00
7162	Pure Old Process Linseed Meal 34% Protein.	Emerts Mill, Somerset, -----	9.34	34.88	34.00
	PITTSBURGH PLATE GLASS CO., NEWARK, N. J.				
6704	Red Wing Linseed Meal 32%, -----	R. C. Meek Estate, Allenwood.	8.65	34.38	32.00
6395	Red Wing Linseed Meal 32%, -----	R. W. Messinger, Tatamy,--	10.27	34.50	32.00
6224	Red Wing Linseed Meal 34%, -----	Wayne Milling Co., Honesdale.	9.50	33.38	34.00
	THE SHERWIN-WILLIAMS CO., CLEVELAND, OHIO				
6605	S. W. C. Linseed Meal, -----	Danville State Hospital, Danville.	9.35	34.63	34.00
7163	S. W. C. Linseed Meal, -----	Emerts Mill, Somerset, -----	8.70	35.38	34.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.89	5.00	8.29	9.00	70.00	Pure old process linseed meal,	As certified, -----	6929
5.00	5.00	8.41	9.00	3.25	-----	Linseed oil meal, -----	6732
4.78	5.00	8.15	9.00	3.10	-----	Linseed oil meal, -----	5997
5.00	5.00	8.21	9.00	3.25	-----	Linseed oil meal, -----	7033
6.24	5.00	8.58	9.00	58.00	-----	Linseed oil meal, -----	6026
5.20	5.00	8.23	9.50	3.00	-----	Linseed oil meal, -----	6124
4.01	5.00	8.24	9.00	57.00	Pure old process linseed meal,	As certified, -----	6147
5.02	5.00	8.07	9.00	-----	-----	Linseed oil meal, -----	6318
5.15	6.00	8.03	8.00	2.25	Pure old process linseed meal,	As certified, -----	6935
5.31	5.00	8.55	9.00	3.00	-----	Linseed oil meal, -----	6587
6.59	5.00	7.73	10.00	-----	-----	Linseed oil meal, -----	7112
6.46	5.00	7.85	10.00	-----	-----	Linseed oil meal, -----	6311
6.04	5.00	8.04	10.00	3.20	-----	Linseed oil meal, -----	6703
6.60	5.00	8.06	10.00	2.75	-----	Linseed oil meal, -----	6106
6.79	5.00	8.05	10.00	2.90	-----	Linseed oil meal, -----	6410
6.51	5.00	7.28	10.00	53.40	-----	Linseed oil meal, -----	6497
6.47	6.00	7.91	10.00	59.00	-----	Linseed oil meal, -----	6151
7.26	6.00	8.70	10.00	3.15	-----	Linseed oil meal, -----	6611
6.00	6.00	7.85	10.00	60.00	-----	Linseed oil meal -----	6058
6.50	6.00	7.70	10.00	65.00	Old process linseed meal, -----	As certified, -----	7162
6.04	5.00	7.96	9.00	3.20	-----	Linseed oil meal, -----	6704
6.42	6.00	7.29	9.00	2.90	-----	Linseed oil meal, -----	6395
5.89	5.00	6.82	9.00	57.00	Linseed meal, -----	As certified, -----	6224
6.84	5.00	8.50	10.00	62.00	-----	Linseed oil meal, -----	6605
6.33	5.00	7.34	10.00	65.00	Linseed oil meal, -----	As certified, -----	7163

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
6407	S. W. C. Linseed Meal, -----	Hepler, McNaughton Co., New Alexandria.	9.30	35.19	34.00
6950	S. W. C. Linseed Meal, -----	Linders Feed Store, New Kensington.	8.50	33.88	34.00
6679	S. W. C. Linseed Meal, -----	New Florence Flour Mills, New Florence.	8.94	34.13	34.00
		Average, -----	8.99	34.49	-----
	COCOANUT OIL MEAL				
	THE PROCTOR & GAMBLE CO., CINCINNATI, OHIO				
6312	P. & G. Cocoanut Oil Meal, -----	J. W. Eshelman & Son, Lancaster.	9.32	19.75	20.00
	DISTILLERY AND BREWERY BY-PRODUCTS				
	DISTILLERS' DRIED GRAINS				
	THE FLEISCHMAN CO., CHICAGO, ILL.				
6293	Fleischman's Dried Grains, -----	S. Book & Brother, Quarryville.	6.65	22.69	18.00
	BREWERS' DRIED GRAINS				
	BADGER GRAINS & FEED CO., MILWAUKEE, WIS.				
6787	Brewers Dried Grains, -----	Roy J. Dunham, Wellsboro,	6.11	24.38	20.00
	DONAHUE-STRATTON COMPANY, MILWAUKEE, WIS.				
6143	Hiquality Brewers Dried Grains, -----	S. E. Rumpf, New Milford,	7.02	20.13	20.00
	FARMERS FEED CO., BUFFALO, N. Y.				
6709	Bull Brand Dried Brewers Grains, -----	R. C. Meek Estate, Allenwood.	6.55	22.00	22.00
6219	Bull Brand Dried Brewers Grains, -----	Wayne Milling Co., Honesdale.	5.70	22.25	22.00
7094	Bull Brand Dried Brewers Grains, -----	Winfield Mills, Winfield, ---	4.33	23.56	22.00
	HAZLETON SYRUP CO., HAZLETON, PA.				
6006	Dried Brewers' Grain, -----	Blank & Gottshall Co., Inc., Sunbury.	6.86	20.75	19.80

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
7.36	5.00	7.91	10.00	\$ 3.00	-----	Linseed oil meal, -----	6407
6.70	5.00	8.02	10.00	3.50	-----	Linseed oil meal, -----	6950
6.46	5.00	8.40	10.00	3.55	-----	Linseed oil meal, -----	6679
5.94	-----	7.97	-----	61.20	-----	-----	-----
7.03	6.00	7.43	11.00	-----	Made from dried cocoanut meats.	As certified, -----	6312
8.74	6.00	14.15	18.00	-----	Dried yeast grains from corn, barley malt and malt sprouts.	As certified, -----	6293
5.98	5.00	13.90	19.00	52.00	-----	Brewers' dried grains,--	6787
6.02	5.00	15.28	19.00	47.00	Brewers' dried grains, -----	As certified, -----	6143
6.93	6.00	15.53	15.00	2.50	-----	Brewers' dried grains,--	6709
6.04	6.00	16.60	15.00	45.00	Dried brewers' grain, -----	As certified, -----	6219
5.84	6.00	16.34	15.00	2.65	-----	Brewers' dried grains,--	7094
6.37	6.20	16.74	18.50	2.50	-----	Brewers' dried grains,--	6006

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6134	STEGMAIER BREWING CO., WILKES-BARRE, PA.	Western Feed Company, Wilkes-Barre.	6.04	22.19	22.23
	Dried Brewery Grain, -----	Average, -----	6.09	22.18	-----
<b>MALT SPROUTS</b>					
6322	T. A. HAUSCHEL, CHICAGO, ILL. Malt Sprouts, -----	Lakeview Milling Co., Chambersburg.	9.20	27.31	24.00
<b>MAIZE BY-PRODUCTS</b>					
<b>CORN GLUTEN MEAL</b>					
<b>CORN PRODUCTS REFINING CO., NEW YORK, N. Y.</b>					
6309	Diamond, -----	John W. Eshelman & Sons, Lancaster.	7.41	44.50	40.00
6139	Diamond, -----	S. E. Rumpf, New Milford,	7.22	41.19	40.00
	CORN GLUTEN FEED	Average, -----	7.32	42.85	-----
<b>AMERICAN MAIZE PRODUCTS CO., NEW YORK, N. Y.</b>					
6394	Cream of Corn, -----	R. W. Messinger, Tatamy,--	9.81	27.19	23.00
<b>CLINTON CORN SYRUP REFINING CO., CLINTON, IOWA</b>					
6706	Clinton, -----	R. C. Meek Estate, Allenwood.	7.72	25.25	23.00
6932	Clinton, -----	Mitchell Milling Co., Clearfield.	8.19	25.75	23.00
7093	Clinton, -----	Winfield Mills, Winfield, ----	7.81	27.38	23.00
<b>CORN PRODUCTS REFINING CO., NEW YORK, N. Y.</b>					
6577	Buffalo, -----	Geneva Milling Co., Geneva,	10.78	27.06	23.00
6237	Buffalo, -----	The Hex Milling Co., Shamokin.	11.81	25.25	23.00
6713	Buffalo, -----	R. C. Meek Estate, Allenwood.	7.55	23.75	23.00
6335	Buffalo, -----	B. H. Mentzer, Chambersburg.	11.60	26.63	23.00
6969	Buffalo, -----	J. B. Roux, New Wilmington.	8.55	25.69	23.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % %	Fat		Fiber		Price per ton or cwt. \$	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Guaranteed % %	Found % %	Guaranteed % %	Guaranteed % %				
5.26	6.50	15.13	16.50	36.00	Dried brewery grain, -----	As certified, -----		6134
6.06	-----	15.64	-----	47.57				
1.76	1.50	12.79	13.00	-----	-----	Malt sprouts, -----		6322
1.77	1.00	2.11	4.00	-----	-----	Corn gluten meal, -----		6309
2.08	1.00	2.50	4.00	58.00	Corn gluten meal, -----	As certified, -----		6139
1.92	-----	2.30	-----	58.00				
2.61	2.00	7.23	8.50	2.40	Corn gluten feed, -----	As certified, -----		6394
2.19	2.00	7.33	8.50	2.50	-----	Corn gluten feed, -----		6706
3.40	2.00	7.90	8.50	2.90	-----	Corn gluten feed, -----		6932
2.73	2.00	6.94	8.50	2.60	-----	Corn gluten feed, -----		7093
2.75	2.00	7.58	8.50	2.45	-----	Corn gluten feed, -----		6577
2.61	2.00	7.18	8.50	2.75	Corn gluten feed, -----	As certified, -----		6287
2.81	2.00	8.06	8.50	2.50	Corn gluten feed, -----	As certified, -----		6713
2.26	2.00	7.12	8.50	-----	Corn gluten feed, -----	As certified, -----		6335
2.40	2.00	8.07	8.50	2.25	Corn gluten feed, -----	As certified, -----		6969

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6181	Buffalo, -----	G. A. Sehnelbaeh, Pittsburgh.	9.15	27.81	23.00
5972	Buffalo, -----	Sherman Milling Co., Meadville.	12.19	24.25	23.00
6209	Buffalo, -----	Wayne Milling Co., Honesdale.	9.05	25.50	23.00
	A. E. STALEY MANUFACTURING CO., DECATUR, ILL.				
6596	Staley's, -----	City Feed Store, Titusville,	10.30	24.69	23.00
6937	Staley's, -----	Mitchell Milling Co., Clearfield.	8.25	29.13	23.00
6152	Staley's, -----	Plymouth Mill & Grain Co., Plymouth.	10.89	25.00	23.00
6556	Staley's, -----	C. R. Zeehman, Pottsgrove,	8.94	26.50	23.00
	UNION STARCH & REFINING CO., COLUMBUS, OHIO				
6755	Union, -----	Big Run Milling Co., Big Run.	9.72	26.44	23.00
		Average, -----	9.55	26.07	-----
	HOMINY FEED				
	POSTUM CEREAL COMPANY, INC., BATTLE CREEK, MICH.				
7021	Burt's, -----	Ralph Fuller, Turbotville, --	8.85	11.38	10.00
6891	Burt's, -----	Union Coal & Supply Co., Rieeville.	9.17	11.00	10.00
	PRATT FOOD CO., INC., BUFFALO, N. Y.				
6140	Pratt's Yellow, -----	S. E. Rumpf, New Milford,	9.44	11.81	10.00
	THE QUAKER OATS COMPANY, CHICAGO, ILL.				
6330	Yellow Hominy Feed, -----	W. D. Foust & Son, Chambersburg.	9.85	11.25	10.50
6478	Yellow Hominy Feed, -----	W. J. Haid, Gallitzin, -----	9.69	10.75	10.50
		Average, -----	9.40	11.24	-----
	CORN FEED MEAL				
	J. J. BADENOCH CO., CHICAGO, ILL.				
6273	Jay Bee, -----	J. M. Merwine Sons, Ashland.	11.70	10.00	9.04

## FEEDING STUFFS COLLECTED IN 1928—Continued.

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
2.90	2.00	6.69	8.50	42.50	Corn gluten feed, -----	As certified, -----	6181
2.51	2.00	6.72	8.50	46.00	-----	Corn gluten feed, -----	5972
2.39	2.00	7.25	8.50	47.00	Corn gluten feed, -----	As certified, -----	6209
1.49	1.00	7.20	8.00	2.50	-----	Corn gluten feed, -----	6596
1.00	1.00	6.56	8.00	2.90	Corn gluten feed, -----	As certified, -----	6937
1.96	1.00	7.72	8.00	49.00	Corn gluten feed, -----	As certified, -----	6152
1.34	1.00	6.95	8.00	2.70	Corn gluten feed, -----	As certified, -----	6556
2.65	1.00	7.79	8.00	2.70	Corn gluten feed, -----	As certified, -----	6755
2.35	-----	7.31	-----	50.47			
5.67	6.00	3.54	5.00	2.50	Made from white corn, -----	As certified, -----	7021
6.68	6.00	4.90	5.00	49.00	Made from white corn, -----	As certified, -----	6891
5.65	5.00	4.43	6.00	47.00	Yellow hominy feed, -----	As certified, -----	6140
4.45	5.00	3.54	6.00	-----	Yellow hominy feed, -----	As certified, -----	6330
4.79	5.00	3.98	6.00	55.00	Yellow hominy feed, -----	As certified, -----	6478
5.45	-----	4.07	-----	50.25			
4.25	3.08	3.40	3.89	2.50	Ground yellow corn with a percentage of cracked corn removed.	Corn feed meal, -----	6273

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	G. E. CONKEY CO., CLEVELAND, OHIO				
6472	Corn Feed Meal, -----	Z. L. Brothers, Ebensburg,	10.49	10.94	10.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
6829	Dickinson's, -----	Hudson & Kuhns, Greens- burg.	10.01	10.69	9.00
	THE RICHARDS & EVANS CO., CORTLAND, OHIO				
6634	Corn Feed Meal, -----	Aeme Milling Co., Coehran- ton.	11.59	9.63	9.00
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
6218	Derby Meal, -----	Wayne Milling Co., Hones- dale.	13.74	9.19	9.02
		Average, -----	11.51	10.09	-----
<u>WHEAT OFFALS</u>					
WHEAT BRAN					
	(With and Without Ground Grain Screenings)				
	AQUEDUCT MILLS, BLOOMSBURG, PA.				
7060	Pure Wheat Bran, -----	Aqueduct Mills, Bloomsburg,	10.81	14.31	14.12
	ASH BROTHERS, BRIAR CREEK, PA.				
6722	Pure Wheat Bran, -----	Ash Brothers, Briar Creek,	12.90	16.31	14.19
	BALDWIN FLOUR MILLS CO., MIN- NEAPOLIS, MINN.				
6759	Wheat Bran with Ground Screenings not exceeding Mill Run.	Big Run Milling Co., Big Run.	10.60	15.56	14.00
	BAY STATE MILLING CO., WINONA, MINN.				
6854	Wingold Pure Hard Wheat Bran, -----	Barnhart & Klingler, Butler,	10.27	14.88	14.80
6744	Wingold Pure Hard Wheat Bran, -----	Jalappa Grain Elevator, Pottsville.	9.93	14.19	14.80

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
5.33	4.00	3.40	5.00	\$ 58.00	-----	Corn feed meal, ----- 6472
4.25	4.00	2.65	5.00	2.80	Made from corn, -----	As certified, ----- 6829
4.71	5.00	3.25	7.00	2.60	-----	Corn feed meal, ----- 6634
3.68	3.06	2.42	3.50	45.00	Ground from corn with a percentage of cracked corn removed.	Corn feed meal, ----- 6218
4.44	-----	3.02	-----	52.20	-----	-----
3.58	3.54	8.18	6-8	2.50	-----	Wheat bran, ----- 7060
4.06	4.04	8.37	9.36	2.30	-----	Wheat bran, ----- 6722
5.65	4.00	9.80	12.00	2.40	Wheat bran with ground screenings not exceeding mill run.	As certified, ----- 6759
5.69 5.21	4.40 4.40	10.28 9.32	13.50 13.50	2.35 2.60	Pure hard wheat bran, -----	As certified, ----- 6854 Wheat bran, ----- 6744

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN.				
6279	Big Diamond Wheat Bran with Screenings not exceeding Mill Run.	Shamokin Milling Co., Shamokin.	12.46	14.00	14.00
7179	Big Diamond Wheat Bran with Screenings not exceeding Mill Run.	Tyrone Milling Co., Tyrone,	9.85	15.81	14.00
	BUCKEYE CEREAL CO., MASSILLON, OHIO				
6190	Spring Wheat Bran, -----	Grab Brothers, Etna, -----	7.61	17.81	15.00
6404	Spring Wheat Bran, -----	Latrobe Feed Supply Co., Latrobe.	11.81	16.56	15.00
	J. T. CLAYBAUGH, EVERETT, PA.				
6897	Wheat Bran, -----	J. T. Claybaugh, Everett,--	10.47	13.75	15.00
	COCHRANTON MILLING CO., COCHRANTON, PA.				
6259	Pure Wheat Bran, -----	Cochranton Milling Co., Cochranton.	9.61	14.06	14.00
	COMMANDER MILLING CO., MINNEAPOLIS, MINN.				
5959	Commander Wheat Bran with Ground Screenings.	E. F. Spahr & Co., Roscoe,	8.65	14.25	14.50
	COMMERCIAL MILLING CO., DETROIT, MICH.				
6943	Pure Spring Wheat Bran, -----	W. P. Lauster, Rural Valley.	10.30	17.19	15.00
	W. E. CUSTER, MILTON, PA.				
7053	Pure Wheat Bran, -----	W. E. Custer, Danville, ---	11.40	17.31	15.00
	DULUTH SUPERIOR MILLING CO., DULUTH, MINN.				
6144	Duluth Imperial Wheat Bran, -----	S. E. Rumpf, New Milford,--	11.48	15.00	14.00
	EAGLE ROLLER MILLS CO., NEW ULM, MINN.				
6965	Eagle Wheat Bran with Screenings, ----	Service Stores Corporation, Slickville.	9.26	14.94	14.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt. Certified Composition	Identified by Microscopical Examination	Chemist's number	
	Guaranteed	Found				
5.29	5.00	11.11	12.00	\$ 3.00	Wheat bran with mill run ground screenings.	6279
4.72	5.00	11.57	12.00	43.00	Wheat bran with mill run ground screenings.	7179
5.03 5.01	4.50 4.50	9.21 9.32	12.00 12.00	41.00 2.20	Wheat bran, ----- Wheat bran, -----	6190 6404
4.10	4.00	7.00	10.00	2.60	Wheat bran, -----	6897
4.55	4.00	8.13	10.00	42.00	Wheat bran, -----	6259
5.89	5.00	10.95	12.00	40.00	Wheat bran with ground screenings not exceeding mill run.	5959
5.37	3.50	8.38	11.00	2.40	Wheat bran, -----	6943
3.66	4.00	6.92	8.00	1.90	Wheat bran, -----	7053
5.98	3.75	8.61	13.00	44.00	Wheat bran with ground screenings not exceeding mill run.	6144
5.32	4.00	10.29	12.00	2.50	Wheat bran with ground wheat screenings not exceeding mill run.	6965

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6888	B. A. ECKHART MILLING CO., CHICAGO, ILL.	Conneaut Lake Roller Mills, Conneaut Lake.	10.70	14.88	14.00
6951	EMPIRE MILLING CO., MINNEAPOLIS, MINN.	Linders Feed Store, New Kensington.	9.73	14.69	14.00
6248	CLAYTON ETTERS, OAK HALL, PA.	Clayton Etters, Oak Hall, --	12.20	13.88	8.00
6365	Wheat Bran, -----	Mahoning Valley Milling Co., Punxsutawney.	11.73	16.63	14.00
6547	EVERETT-AUGHENBAUGH & CO., MINNEAPOLIS, MINN.	-----	-----	-----	-----
7104	E. A. C. O. Hard Wheat Bran, -----	Wolfe & Huffman, Watson- town.	10.75	17.25	14.00
712	THE FAIRCHILD MILLING CO., CLEVELAND, OHIO	-----	-----	-----	-----
6069	Wheat Bran with Ground Screenings not exceeding Mill Run.	H. L. Garrison & Brother, Berwick.	8.09	15.38	14.00
6892	FEDERAL MILL & ELEVATOR CO., INC., LOCKPORT, N. Y.	James A. Goss, Maitland, --	10.94	15.44	18.00
6712	Lucky Hard Wheat Bran with Ground Wheat Screenings not exceeding Mill Run.	R. C. Meek Estate, Allenwood.	9.57	15.25	13.50
6507	JAMES A. GOSS, MAITLAND, PA.	Union Coal & Supply Co., Riceville.	10.61	15.94	13.50
6892	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y.	Ed. Hellyer, Jr., Alexandria.	9.28	14.69	-----
6892	Choice Wheat Bran with Ground Screenings not exceeding Mill Run.	-----	-----	-----	-----
6892	Choice Wheat Bran with Ground Screenings not exceeding Mill Run.	-----	-----	-----	-----
6892	ED. HELLYER, JR., ALEXANDRIA, PA.	-----	-----	-----	-----
6892	Wheat Bran, -----	-----	-----	-----	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fat		Fiber		Price per ton or cwt. \$	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
4.98	2.50	9.16	11.00	2.30	Wheat bran with ground re-cleaned wheat screenings not exceeding mill run.	As certified, -----	6888	
5.31	5.00	10.09	11.70	2.25	-----	Wheat bran, -----	6951	
3.95	2.00	8.42	11.00	2.00	-----	Wheat bran, -----	6248	
5.38	4.00	8.84	11.50	2.30	-----	Wheat bran, -----	6365	
5.07	3.50	8.60	12.00	2.40	-----	Wheat bran with mill run ground screenings.	6547	
4.99	3.00	10.65	11.00	2.00	-----	Wheat bran with mill run ground screenings.	7104	
3.96	3.00	7.40	7.50	2.20	-----	Wheat bran, -----	6069	
5.61	3.50	9.93	14.00	2.50	Wheat, -----	Wheat bran with mill run ground screenings.	6712	
5.34	3.50	8.85	14.00	47.00	Choice wheat bran with ground screenings not exceeding mill run.	As certified, -----	6892	
4.20	-----	8.07	-----	2.40	-----	Wheat bran, -----	6507	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	M. E. HERR, SCHUYLER, PA.				
7015	Wheat Bran, -----	M. E. Herr, Schuyler, -----	%	%	%
	C. J. HESS, SHADE GAP, PA.				
5987	Wheat Bran, -----	C. J. Hess, Shade Gap, -----	11.03	13.56	-----
7083	Wheat Bran, -----	C. J. Hess, Shade Gap, -----	8.46	15.25	-----
	RICHARD M. HOLDREN, JERSEY-TOWN, PA.				
6004	Pure Wheat Bran, -----	Richard M. Holdren, Jersey-town.	11.29	14.06	15.00
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
5962	Blackhawk Pure Wheat Bran, -----	Fayette Feed Co., Fayette City.	7.60	15.69	15.00
6297	Blackhawk Pure Wheat Bran, -----	John Greenleaf, Quarryville,	8.70	16.00	13.50
5977	Blackhawk Pure Wheat Bran, -----	H. C. Hutchinson, Hyde-town.	11.25	15.06	13.50
6056	Blackhawk Pure Wheat Bran, -----	A. H. Klugh, New Kensing-ton.	10.23	14.94	13.50
6398	Blackhawk Pure Wheat Bran, -----	Linus M. Lewis, Indiana, -----	11.28	14.44	15.00
6936	Blackhawk Pure Wheat Bran, -----	Mitchell Milling Co., Clear-field.	9.96	15.00	13.50
	C. S. JOHNSON, WARFORDSBURG, PA.				
6458	Wheat Bran, -----	C. S. Johnson, Warfordsburg.	8.60	15.25	-----
	JUDITH MILLING CO., HOBSON, MONTANA				
5993	Wheat Bran with Ground Screenings not exceeding Mill Run.	Oil City Milling Co., Oil City.	11.68	14.88	14.00
	THE KANSAS FLOUR MILLS CORPORATION, KANSAS CITY, MO.				
6341	Big Flake Pure Wheat Bran, -----	The Belleville Flour Mills Co., Belleville.	11.38	17.75	15.00
6148	Big Flake Pure Wheat Bran, -----	S. E. Rumpf, New Milford,	11.85	18.06	15.00
6586	Big Flake Pure Wheat Bran, -----	Schrimer Brothers, Belle Valley.	13.84	17.56	15.00
6562	Big Flake Pure Wheat Bran, -----	W. S. Smith, Mt. Pleasant Mills.	11.17	16.94	15.00
6263	Big Flake Pure Wheat Bran, -----	Titusville City Mills, Titusville.	9.91	16.88	15.00
	J. B. KELLEY, WASHINGTONVILLE, PA.				
6599	Kelley's Pure Wheat Bran, -----	J. B. Kelley, Washingtonville.	12.40	14.06	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.19	3.50	8.33	9.00	\$ 1.80	-----	Wheat bran, -----	7015
4.34	-----	8.65	-----	2.20	-----	Wheat bran, -----	5987
4.34	-----	10.85	-----	2.20	-----	Wheat bran and trace of ground screenings.	7083
4.38	4.00	7.70	10.00	2.50	-----	Wheat bran, -----	6604
5.26	3.20	10.05	12.00	40.00	-----	Wheat bran, -----	5962
5.36	3.20	10.72	12.00	-----	-----	Wheat bran, -----	6297
5.37	3.20	10.34	12.00	44.00	-----	Wheat bran, -----	5977
5.16	3.20	9.66	12.00	2.50	-----	Wheat bran, -----	6956
5.19	3.20	10.00	12.00	2.25	-----	Wheat bran, -----	6398
5.20	3.20	10.25	12.00	3.55	-----	Wheat bran, -----	6936
3.94	-----	8.33	-----	2.50	-----	Wheat bran, -----	6458
5.31	3.80	9.27	12.00	44.00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	5993
3.76	3.50	8.73	11.00	2.40	-----	Wheat bran, -----	6341
4.31	3.50	8.48	11.00	44.00	Pure wheat bran, -----	As certified, -----	6148
4.34	3.50	9.13	11.00	2.25	Wheat, -----	Wheat bran, -----	6586
3.85	3.50	9.26	11.00	2.50	-----	Wheat bran, -----	6562
3.55	3.50	8.85	11.00	46.00	-----	Wheat bran, -----	6263
4.21	3.00	8.19	7.00	2.50	-----	Wheat bran, -----	6599

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	KING MIDAS MILL COMPANY, MINNEAPOLIS, MINN.				
6136	Clover Leaf Pure Wheat Bran, -----	Duryea Mercantile Co., Duryea.	9.73	15.06	15.00
7165 6272	Clover Leaf Pure Wheat Bran, ----- Clover Leaf Pure Wheat Bran, -----	Emerts Mills, Somerset, --- J. M. Merwine Sons, Ashland.	9.22 9.50	15.19 15.81	15.00 15.00
	LAGRANGE MILLS, RED WING, MINN.				
6403	Pure Fancy Coarse Wheat Bran, -----	Latrobe Feed Supply Co., Latrobe.	12.13	15.94	14.00
6610	Pure Fancy Coarse Wheat Bran, -----	C. W. Steese, Lewisburg, ---	8.91	15.38	14.00
	LAKEVIEW MILLING CO., CHAMBERSBURG, PA.				
6319	Soft Winter Wheat Bran, -----	Lakeview Milling Co., Chambersburg.	11.38	14.88	14.00
	THE LARABEE FLOUR MILLS CO., KANSAS CITY, MO.				
6182	Pure Wheat Bran, -----	G. A. Schnelbach, Pittsburgh.	9.83	15.81	15.00
6262	Pure Wheat Bran, -----	Titusville City Mills, Titusville.	9.38	17.25	15.00
7154	Wheat Bran and Wheat Screenings, ---	E. L. Smith & Co., Union City.	9.45	15.63	15.00
	ROY W. LAYTON, WARFORDSBURG, PA.				
6464	Wheat Bran, -----	Cove Roller Mills, Warfordsburg.	10.12	13.69	-----
	MARTINSBURG MILLING CO., MARTINSBURG, PA.				
7085	Wheat Bran, -----	Martinsburg Milling Co., Martinsburg.	9.04	14.00	-----
	MAZEPPA MILLING CO., LEWISBURG, PA.				
6614	Pure Wheat Bran, -----	Mazeppa Milling Co., Lewisburg.	11.24	14.25	10.00
	J. N. MEISER, RICHFIELD, PA.				
6638	Wheat Bran, -----	J. N. Meiser, Richfield, -----	11.91	13.38	-----
	MEISERVILLE ROLLER MILLS, MT. PLEASANT MILLS, PA.				
6563	Pure Wheat Bran, -----	Meiserville Roller Mills, Mt. Pleasant Mills.	10.78	13.63	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
5.39	4.00	8.90	12.00	\$ 39.25	Pure wheat bran, -----	As certified, -----	6136
5.09 5.26	4.00 4.00	10.22 9.93	12.00 12.00	40.00 2.40	Pure wheat bran, ----- Pure wheat bran, -----	As certified, ----- As certified, -----	7165 6272
5.55	5.00	9.74	12.00	2.20	-----	Wheat bran, -----	6403
5.85	5.00	10.01	12.00	2.40	-----	Wheat bran, -----	6610
4.24	4.00	8.91	9.50	-----	-----	Wheat bran, -----	6319
4.00	3.50	10.17	10.00	40.00	Pure winter wheat bran, -----	As certified, -----	6182
3.87	3.50	9.05	10.00	46.00	-----	Wheat bran, -----	6262
3.77	3.50	9.85	10.00	40.00	Wheat bran and wheat screenings not exceeding mill run.	As certified, -----	7154
4.04	-----	9.73	-----	2.50	-----	Wheat bran and trace of ground corn cockle.	6464
4.25	-----	10.39	-----	2.00	-----	Wheat bran, -----	7085
4.09	4.00	8.49	10.00	2.35	-----	Wheat bran, -----	6614
4.38	-----	8.50	-----	2.60	-----	Wheat bran, -----	6638
4.52	4.00	8.28	10.00	2.50	-----	Wheat bran, -----	6563

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7146	MENNEL MILLING CO., TOLEDO, OHIO Mennel's Fancy Bran, -----	A. F. Stutzman & Son, Johnstown.	% 8.73	% 16.19	% 15.00
7027	MONTOUR MILLS, BLOOMSBURG, PA. Pure Wheat Bran, -----	Montour Mills, Bloomsburg,	9.53	16.19	12.00
7098	PAUL T. MOYER, WINFIELD, PA. Pure Wheat Bran, -----	Paul T. Moyer, Winfield, --	9.10	16.44	15.00
6012	NORTHUMBERLAND MILLING CO., NORTHUMBERLAND, PA. Pure Wheat Bran, -----	Northumberland Milling Co., Northumberland.	8.13	14.94	14.00
6915	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN. Pure Wheat Bran, -----	Gibbs Milling Co., Nanticoke.	10.08	13.94	13.50
6285	Pure Wheat Bran, -----	The Hex Milling Co., Shamokin.	11.52	15.19	14.50
6306	Pure Wheat Bran, -----	M. L. Jaschik, Lancaster, ..	8.36	16.56	14.50
6399	OGILVIE FLOUR MILLS CO., FORT WILLIAM, CANADA Ogilvie's Wheat Bran, -----	Hoffer & Garman, Harrisburg.	10.69	14.63	15.00
6359	OMAHA FLOUR MILLS COMPANY, OMAHA, NEB. Omar Pure Wheat Bran, -----	E. S. Kelly, Gettysburg, ---	7.49	19.31	15.00
7113	ORANGEVILLE MILLING CO., ORANGEVILLE, PA. Pure Wheat Bran, -----	Orangeville Milling Co., Orangeville.	9.28	15.69	14.00
5983	ORBISONIA ROLLER MILLS, ORBISONIA, PA. Wheat Bran, -----	Orbisonia Roller Mills, Orbisonia.	12.45	14.81	-----
6717	PERFECTION ROLLER MILLS, MAINVILLE, PA. Pure Wheat Bran, -----	Perfection Roller Mills, Mainville.	11.73	15.13	14.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 3.60	Fat		Fiber		Price per ton or cwt. \$ 2.15	Certified Composition	Identified by Micro- scopic examination	Chemist's number
	Guaranteed % 4.00	Found % 9.85	Guaranteed % 9.50	Found % 8.53				
4.55	3.00	8.53	12.00	2.25	-----	Soft winter wheat, -----	Wheat bran, -----	7146
2.93	4.00	8.10	10.00	2.10	-----	-----	Wheat bran, -----	7027
5.31	4.00	7.37	10.00	2.25	-----	-----	Wheat bran and small amount ground corn cockle.	6012
5.10	4.00	10.80	12.00	46.00	Pure wheat bran, -----	-----	As certified, -----	6915
5.60	4.00	8.96	12.00	2.30	Wheat bran, -----	-----	As certified, -----	6285
5.76	4.00	9.65	12.00	-----	-----	-----	Wheat bran, -----	6306
5.51	3.50	9.63	11.50	47.00	-----	-----	Wheat bran, -----	6390
4.45	3.50	9.27	11.00	45.00	Pure wheat bran, -----	-----	As certified, -----	6359
3.54	4.50	9.79	9.00	2.25	-----	-----	Wheat bran and trace of screenings.	7113
4.70	-----	8.48	-----	2.10	-----	-----	Wheat bran, -----	5983
4.20	4.50	7.00	9.00	2.50	-----	-----	Wheat bran, -----	6717

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	PILLSBURY FLOUR MILLS COMPANY, MINNEAPOLIS, MINN.				
6155	Pillsbury Hard Wheat Bran and Screenings.	A. Davidson Feed Co., McKeansport.	10.64	15.81	14.00
6481	Pillsbury Hard Wheat Bran and Screenings.	W. J. Haid, Gallitzin, -----	9.72	16.06	14.00
6622	Pillsbury Hard Wheat Bran and Screenings.	Ridgway Grist Mills, Ridgway.	10.52	15.31	14.00
6413	Pillsbury Hard Wheat Bran and Screenings.	C. J. Shuster, Delmont, ---	11.56	16.13	14.00
6688	Pillsbury Hard Wheat Bran and Screenings.	Frank Wetzell, Marion Center.	11.42	15.00	14.00
	RED WING MILLING CO., RED WING, MINN.				
6576	Red Wing Special Wheat Bran and Ground Screenings.	Geneva Milling Co., Geneva,	9.95	15.00	13.50
	THE RICHARDS & EVANS COMPANY, CORTLAND, OHIO				
7139	Wheat Bran, -----	Leap Brothers, Lilly, -----	10.24	15.69	14.00
	GEORGE E. ROHM, BREEZEWOOD, PA.				
6484	Wheat Bran, -----	George E. Rohm, Breezewood.	11.23	13.56	-----
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
7073	Hard Wheat Occident Bran, -----	Cooperative Grange Milling Co., Titusville.	9.48	15.56	14.00
6257	Hard Wheat Occident Bran, -----	M. C. Deitz's Sons, Mechanicsburg.	10.32	18.75	14.00
6504	Hard Wheat Occident Bran, -----	Marianna Mercantile Co., Marianna.	8.81	17.38	14.00
5991	Hard Wheat Occident Bran, -----	Union City Cooperative Association, Union City.	11.90	16.56	14.00
	SEES MILLING CO., INC., WILLIAMSPORT, PA.				
6083	Pure Wheat Bran, -----	Sees Milling Co., Inc., Williamsport.	10.78	13.81	-----
	W. S. SMITH, MT. PLEASANT MILLS, PA.				
6558	Pure Wheat Bran, -----	W. S. Smith, Mt. Pleasant Mills.	12.45	14.50	14.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
5.38	4.00	10.41	12.00	\$ 40.00	Hard wheat bran and ground wheat screenings not exceeding mill run.	As certified, ----- 6155
5.78	4.00	8.58	12.00	45.00	Hard wheat bran and screenings.	As certified, ----- 6481
5.37	4.00	10.82	12.00	2.50	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified, ----- 6622
5.21	4.00	9.62	12.00	2.10	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified, ----- 6413
5.49	4.00	9.70	12.00	2.35	Hard wheat bran and ground cleaned wheat screenings not exceeding mill run.	As certified, ----- 6688
5.54	4.10	9.53	15.60	2.35	Wheat bran with ground screenings.	As certified, ----- 6576
3.93	4.50	9.98	10.00	42.50	Pure wheat bran, -----	As certified, ----- 7139
3.31	-----	7.93	-----	2.60	-----	Wheat bran, ----- 6484
5.18	4.00	9.20	11.50	35.60	Hard wheat, -----	Wheat bran, ----- 7073
5.05	4.00	8.90	11.50	-----	-----	Wheat bran, ----- 6257
6.29	4.00	8.37	11.50	43.70	-----	Wheat bran, ----- 6504
5.81	4.00	8.40	11.50	-----	-----	Wheat bran, ----- 5991
4.23	-----	9.79	-----	44.00	-----	Wheat bran, ----- 6083
3.82	3.00	7.90	10.00	2.50	-----	Wheat bran and trace of ground corn cockle. 6558

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	HARVEY SPEER, BLAIRS MILLS, PA.				
6511	Pure Wheat Bran, -----	Harvey Speer, Blairs Mills,--	9.38	12.38	-----
	STAR & CRESCENT MILLING CO., CHICAGO, ILL.				
6582	Crescent Wheat Bran, -----	Cochranon Cooperative Association, Cochranon.	9.74	16.00	14.00
	C. W. STEESE, LEWISBURG, PA.				
6608	Pure Wheat Bran, -----	C. W. Steese, Lewisburg, --	8.90	15.00	14.00
	D. A. STICKELL & SONS, INC., HAGERSTOWN, MD.				
6463	Stickell's Pure Wheat Bran, -----	Roy W. Layton, Warfordsburg.	10.34	15.00	14.00
6564	Stickell's Pure Wheat Bran, -----	Meiserville Roller Mills, Mt. Pleasant Mills.	10.55	14.75	14.00
	F. W. STOCK COMPANY, HILLS-DALE, MICH.				
6168	Wheat Bran with Mill Run Screenings,	A. W. Garvin, Pittsburgh,--	11.00	18.88	14.00
	STOKES MILLING CO., WATER-TOWN, S. D.				
6698	Sunshine Pure Bran, -----	Kline Grain Co., Sheloeta,--	9.75	14.75	15.50
5995	Sunshine Pure Bran, -----	Oil City Milling Co., Oil City.	11.60	15.13	15.50
	TENANT & HOYT CO., LAKE CITY, MINN.				
6633	Wheat Bran, -----	Acme Milling Co., Cochranon.	10.94	15.19	15.00
7150	Wheat Bran, -----	G. Bostert & Sons, Johnstown.	9.00	15.69	15.00
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.				
6250	Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings.	Clayton Etters, Oak Hall, --	11.50	15.50	14.00
	THE WILLIAMS BROTHERS CO., KENT, OHIO				
6648	Pure Ohio Wheat Bran, -----	Bandley & Torrey, Townville.	12.20	15.13	14.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number	
	Guaranteed	Found					
3.61	%	%	5.96	%	\$ 2.40	Wheat bran, -----	6511
4.78	3.00	10.17	12.00	2.35	Wheat bran with ground wheat screenings not exceeding mill run.	As certified, -----	6582
5.03	4.00	8.69	10.00	2.40	-----	Wheat bran and small amount ground grain screenings.	6608
4.25	4.00	9.77	10.00	-----	-----	Wheat bran, -----	6463
4.84	4.00	9.18	10.00	2.65	-----	Wheat bran, -----	6564
3.68	3.00	8.71	10.00	41.00	Pure wheat with mill run screenings.	Wheat bran, -----	6168
5.00 5.22	4.10 4.10	9.82 9.56	10.30 10.30	1.75 44.00	Pure hard wheat bran, -----	Wheat bran, ----- As certified, -----	6698 5995
5.67	4.00	9.83	11.00	47.00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	6633
5.80	4.00	10.28	11.00	43.00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	7150
5.18	4.00	9.38	12.00	2.00	-----	Wheat bran, -----	6250
4.91	3.00	8.76	12.00	2.50	Wheat bran, -----	As certified, -----	6648

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	WINFIELD MILLS, WINFIELD, PA.				
7087	Pure Wheat Bran, -----	Winfield Mills, Winfield, -----	% 8.67	% 17.13	% 15.00
	GEORGE M. WITMER'S SONS, SELINSGROVE, PA.				
6565	Winter Wheat Bran, -----	George M. Witmer's Sons, Selinsgrove.	9.50	14.75	15.00
	C. R. ZECHMAN, POTTSGROVE, PA.				
6550	Pure Wheat Bran, -----	C. R. Zechman, Pottsgrove, -----	10.73	14.63	15.00
		Average, -----	10.34	15.45	-----
	<u>MIXED FEED</u>				
	<u>WHEAT BY-PRODUCTS</u>				
	(With and Without Grain Screenings)				
	BAY STATE MILLING CO., WINONA, MINN.				
6748	Ringold Fancy Pure Hard Wheat Mixed Wheat Feed.	Jalappa Grain Elevator, Pottsville.	10.09	15.38	15.80
	THE CONTINENTAL MILLING CO., ELLIOTT CITY, MD.				
6326	Continental Choice Middlings, -----	Chambersburg Grain Co., Chambersburg.	8.50	15.38	15.00
	GEO. DEARMMITT, PETERSBURG, PA.				
6834	Wheat Bran and Shorts, -----	Geo. DeArmitt, Petersburg,	9.90	14.50	16.50
	EXCELSIOR MILLING CO., MINNEAPOLIS, MINN.				
6585	Camel Wheat Mixed Feed and Ground Screenings.	Schrimper Brothers, Belle Valley.	13.34	15.00	15.00
	KING MIDAS MILL COMPANY, MINNEAPOLIS, MINN.				
7171	Snowball Wheat Middlings, -----	Johnstown Milling Co., Johnstown.	11.07	17.25	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.78	4.00	7.63	10.00	2.10	-----	Wheat bran, -----	7087
4.58	4.00	7.54	10.00	2.50	-----	Wheat bran and trace of ground corn cockle.	6565
3.59	4.00	9.27	10.00	2.50	-----	Wheat bran and trace of ground corn cockle.	6550
4.75	-----	9.16	-----	45.78			
4.62	4.60	5.66	9.20	2.60	Pure wheat bran and pure wheat red dog.	Wheat bran and middlings.	6748
4.94	4.00	6.88	9.50	-----	Wheat, middlings, wheat bran and ground screenings not exceeding mill run.	As certified, -----	6326
5.68	4.00	6.24	6.70	2.50	-----	Wheat bran and shorts,	6834
5.78	5.00	7.52	8.50	2.25	Wheat low grade flour, wheat red dog, wheat middlings, wheat bran.	As certified, -----	6585
5.79	4.00	5.17	8.00	2.55	Wheat standard middlings and ground cleaned wheat screenings not exceeding mill run and red dog wheat flour.	As certified, -----	7171

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE QUAKER OATS CO., CHICAGO, ILL.				
6414	Buckeye Feed, -----	C. J. Shuster, Delmont, ----	11.04	16.81	15.50
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN.				
6506	Hard Wheat Occident Mixed Feed, ----	Marianna Mercantile Co., Marianna.	9.92	17.00	15.00
6142	Hard Wheat Occident Mixed Feed, ----	S. E. Rumpf, New Milford, -----	11.04	17.19	15.00
	THE WHEATENA CORPORATION, HIGHSPIRE, PA.				
6383	Wheat Mixed Feed, -----	Paxton Flour & Feed Co., Harrisburg.	12.68	13.88	13.00
	THE WILLIAMS BROTHERS CO., KENT, OHIO				
6646	Kent Mixed Feed, -----	Bandley & Torrey, Town- ville.	9.87	15.06	16.00
		Average, -----	10.75	15.75	-----
	<u>WHEAT MIDLINGS</u>				
	(With and without Ground Grain Screenings)				
	<u>WHEAT STANDARD MIDLINGS</u>				
	BAY STATE MILLING CO., WINONA, MINN.				
6126	Wingold Standard Hard Wheat Mid- dlings and Wheat Screenings.	Hetrick & Wilson, Indiana,	9.56	17.19	17.00
6271	Wingold Standard Hard Wheat Mid- dlings and Wheat Screenings.	Jacob Lessig & Sons, Ash- land.	11.20	18.81	17.00
5981	Wingold Standard Hard Wheat Mid- dlings and Wheat Screenings.	Maek Brothers, Titusville, ..	11.84	18.25	17.00
	BIG DIAMOND MILLS, MINNEAPO- LIS, MINN.				
6405	Big Diamond Wheat Standard Mid- dlings with Ground Screenings not exceeding Mill Run.	Hepler-McNaughton Co., New Alexandria.	11.12	15.81	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Guaranteed Found	Guaranteed Found				
5.69	4.50	7.73	10.00	\$ 2.10	Wheat bran and wheat middlings with ground wheat screenings not exceeding mill run.	As certified, ----- 6414
6.04	4.50	7.18	9.50	44.20	Mill run of bran, middlings and red dog.	As certified, ----- 6506
5.99	4.50	7.65	9.50	46.00	Mill run of bran, middlings and red dog.	As certified, ----- 6142
3.50	3.00	6.00	7.50	44.00	-----	Wheat bran and wheat middlings. 6383
4.55	3.50	6.50	8.50	2.50	Winter wheat, -----	Wheat bran and wheat middlings. 6646
5.25	-----	6.65	-----	47.14	-----	-----
5.58	5.50	7.58	9.40	2.40	Ground screenings from wheat not exceeding mill run.	As certified, ----- 6126
6.53	5.00	6.53	9.00	2.50	Ground screenings from wheat not exceeding mill run.	As certified, ----- 6271
5.97	5.00	6.86	9.00	2.30	Wheat middlings and wheat screenings not exceeding mill run.	As certified, ----- 5981
5.50	5.00	9.12	9.50	2.10	-----	Wheat standard middlings with mill run ground screenings. 6405

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	BUFFALO FLOUR MILLS CORPORATION, BUFFALO, N. Y.				
6131	Wheat Standard Middlings with Ground Screenings.	Western Feed Co., Wilkes-Barre.	11.19	17.63	15.00
	CANNON VALLEY MILLING CO., MINNEAPOLIS, MINN.				
6500	Cannon Valley Wheat Standard Middlings.	National Flour & Feed, Fayette City.	11.47	16.63	16.50
	EAGLE ROLLER MILL CO., NEW ULM, MINN.				
7046	Eagle Wheat Standard Middlings, ----	Grampion Milling Co., Grampion.	9.53	16.50	15.00
	THE FAIRCHILD MILLING CO., CLEVELAND, OHIO				
6889	Standard Middlings, -----	Conneaut Lake Roller Mills, Conneaut Lake.	12.03	16.81	15.00
6579	Standard Middlings, -----	Geneva Milling Co., Geneva,	13.97	16.81	15.00
6356	Standard Middlings, -----	C. M. Wolf, Gettysburg, ---	11.41	17.94	15.00
	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y.				
5970	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	A. D. Davenport, Meadville,	11.60	17.81	15.00
6980	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Port Allegany Milling Co., Port Allegany.	11.29	18.06	15.00
	HUBBARD MILLING CO., MANKATO, MINN.				
6406	Standard Mother Hubbard Fine Wheat Middlings with Screenings.	Hepler-McNaughton Co., New Alexandria.	10.54	16.50	15.50
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
6170	Blackhawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	J. J. Fichter, Pittsburgh,--	10.97	15.94	16.00
6955	Blackhawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	A. H. Klugh, New Kensington.	9.66	16.56	15.50
6933	Blackhawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Mitchell Milling Co., Clearfield.	9.70	16.50	15.00
6968	Blackhawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	J. B. Roux, New Wilmington.	9.66	16.31	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
4.96	5.00	6.92	8.50	43.00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----- 6131
6.17	4.50	7.34	9.50	52.00	Wheat standard middlings with ground wheat screenings not exceeding mill run.	As certified, ----- 6500
5.72	4.00	7.85	9.50	2.25	Wheat standard middlings with screenings.	As certified, ----- 7046
4.87	4.00	6.48	9.00	2.60	Wheat with ground screenings not exceeding mill run.	As certified, ----- 6889
5.14	4.00	6.76	9.00	2.35	Wheat with ground screenings not exceeding mill run.	As certified, ----- 6579
5.03	4.00	7.71	9.00	45.00	Wheat with ground screenings not exceeding mill run.	As certified, ----- 6356
5.96	4.75	7.68	9.50	2.15	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----- 5970
5.75	4.75	6.80	9.50	2.25	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----- 6980
5.75	5.00	8.53	9.50	2.10	Standard wheat middlings with ground screenings not exceeding mill run.	As certified, ----- 6406
5.97	4.50	7.92	8.50	42.00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----- 6170
5.51	4.50	7.44	8.50	2.50	-----	Wheat standard middlings with mill run ground screenings. 6955
5.86	4.50	7.78	8.50	2.10	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----- 6933
5.53	4.50	7.43	8.50	2.40	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, ----- 6968

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	KING MIDAS MILL COMPANY, MINNEAPOLIS, MINN.				
7164	Wheat Standard Middlings with Ground Cleaned Wheat Screenings not exceeding Mill Run.	Emerts Mill, Somerset, -----	10.10 %	16.69 %	15.00 %
	LAGRANGE MILLS, RED WING, MINN.				
6949	Wheat Standard Middlings with Ground Grain Screenings not exceeding Mill Run.	Evan H. McBroom, Derry, --	10.71	16.94	16.10
	LOUDONVILLE MILLING CO., LOUDONVILLE, OHIO				
6998	Winter Wheat Middlings with Ground Screenings not exceeding Mill Run.	Pollock Flour & Feed, Ford City.	9.94	14.69	15.00
	MAPLE LEAF MILLING CO., TORONTO, CANADA				
6119	Rex Wheat Middlings, Screenings not exceeding Mill Run.	Star Milling Co., Clymer, --	9.55	17.13	17.50
	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN.				
6280	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run.	Shamokin Milling Co., Shamokin.	10.54	16.56	15.00
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
6928	Pillsbury's Hard Wheat Standard B Middlings and Screenings.	J. B. Anderson Sons, Shickshinny.	9.83	17.50	15.00
	RED WING MILLING CO., RED WING, MINN.				
6304	Red Wing Special Standard Wheat Middlings.	C. P. Hoenninger, Lancaster.	9.96	17.19	15.00
	ST. PAUL MILLING CO., ST. PAUL, MINN.				
6369	Komo Wheat Middlings, -----	F. E. Radaker, DuBois, ----	11.29	16.13	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
6.17	4.00	7.19	9.50	\$ 42.00	-----	Wheat standard middlings with mill run ground screenings.	6949
5.64	5.30	7.27	9.50	2.25	-----	Wheat standard middlings with mill run ground screenings.	6949
4.39	4.00	6.48	7.00	2.40	-----	Wheat standard middlings with mill run ground screenings.	6998
6.03	5.50	7.45	7.50	2.35	-----	Wheat standard middlings with mill run ground screenings.	6119
7.02	4.00	8.01	9.50	2.50	Wheat standard middlings and ground wheat screenings.	As certified, -----	6280
5.63	4.00	7.29	9.50	53.00	Hard wheat standard middlings and ground cleaned wheat screenings not exceeding mill run.	As certified, -----	6928
6.22	5.10	7.52	9.50	-----	-----	Wheat standard middlings.	6304
6.01	4.50	7.93	9.50	2.25	Wheat middlings and ground wheat screenings not exceeding mill run.	As certified, -----	6369

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	TENNANT & HOYT CO., LAKE CITY, MINN.				
6983	Golden Loaf Wheat Middlings, -----	W. M. Burleson, Port Alleghany.	% 10.98	% 16.19	% 16.00
7006	Golden Loaf Wheat Middlings, -----	J. Harvey Miller, Ligonier,	8.60	16.69	16.50
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN.				
6145	Gold Medal Hard Wheat Standard Middlings.	S. E. Rumpf, New Milford,--  Average, -----	10.21  10.66	17.00  16.89	15.00  -----
	<u>WHEAT FLOUR MIDDLINGS</u>				
	ATKINSON MILLING CO., MINNEAPOLIS, MINN.				
7041	Atkinson's Wheat Flour Middlings, ----	Kiser Feed Co., Grampion,--	10.31	17.19	15.50
	BAY STATE MILLING CO., WINONA, MINN.				
6743	Wingold Standard Hard Wheat Middlings and Wheat Screenings from Wheat not exceeding Mill Run.	Jalappa Grain Elevator, Pottsville.	9.09	17.06	17.00
	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN.				
7152	Big Diamond Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	G. Bostert & Sons, Johnstown.	9.37	17.69	16.00
6281	Big Diamond Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Shamokin Milling Co., Shamokin.	12.57	16.56	16.00
	THE BUCKEYE CEREAL CO., MASSILLION, OHIO				
6191	White Middlings, ----- COMMANDER MILLING CO., MINNEAPOLIS, MINN.	Grab Brothers, Etna, -----	10.26	14.69	15.00
6534	Commander Wheat Flour Middlings, --	Cochran ton Cooperative Association, Cochran ton.	13.54	16.31	16.00
	COMMERCIAL MILLING CO., DETROIT, MICH.				
6945	Extra Fancy Standard Wheat Middlings with Ground Screenings not exceeding Mill Run.	W. P. Lauster, Rural Valley.	10.55	17.00	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Chemist's number	Certified Composition						Identified by Microscopic Examination
	Fat Found	Fiber Guaranteed	Fiber Found	Fiber Guaranteed	Price per ton or cwt.		
6983	5.40	5.00	7.92	8.00	\$ 2.20	Wheat middlings with ground screenings not exceeding mill run.	As certified, -----
7006	5.84	5.50	8.00	8.00	2.50	-----	Wheat standard middlings with mill run ground screenings.
6145	5.76	4.00	7.31	9.50	45.00	Hard wheat standard middlings and mill run cleaned ground wheat screenings.	As certified, -----
7041	5.71	-----	7.46	-----	46.34	-----	-----
6743	4.63	4.00	5.13	6.00	2.20	-----	Wheat flour middlings
7152	5.87	5.50	6.93	9.40	2.65	-----	Wheat flour middlings with mill run ground screenings.
6281	5.74	5.00	6.45	6.00	48.00	-----	Wheat flour middlings with mill run ground screenings.
4.30	5.63	5.00	5.95	6.00	2.75	-----	Wheat flour middlings with mill run ground screenings.
6191	4.30	3.50	5.13	5.50	45.00	-----	Wheat flour middlings,
6584	5.55	5.00	6.00	6.00	2.50	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----
6945	4.80	4.00	5.24	7.00	2.50	-----	Wheat flour middlings with mill run ground screenings.

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7138	Extra Fancy Standard Wheat Middlings with Ground Screenings not exceeding Mill Run.	Leap Brothers, Lilly, -----	% 8.73	17.56	15.00
6944	Extra Fancy Wheat Flour Middlings with ground Wheat Screenings not exceeding Mill Run.	W. P. Lauster, Rural Valley.	10.42	12.63	12.00
7137	Extra Fancy Wheat Flour Middlings with ground Wheat Screenings not exceeding Mill Run.	Leap Brothers, Lilly, -----	9.45	13.63	12.00
6893	Extra Fancy Wheat Flour Middlings with ground Wheat Screenings not exceeding Mill Run.	Union Coal & Supply Co., Riceville.	10.82	12.88	12.00
	EMPIRE MILLING CO., MINNEAPOLIS, MINN.				
6626	Empire Middlings, -----	R. M. Plyler, Summerville,	10.34	16.63	16.00
	EVERETT-AUGHENBAUGH & CO., MINNEAPOLIS, MINN.				
6115	EAC Hard Wheat Middlings, -----	Star Milling Co., Clymer, ---	10.00	17.50	15.00
	FEDERAL MILL & ELEVATOR CO., LOCKPORT, N. Y.				
7105	Lucky Hard Wheat Middlings with Ground Wheat Screenings not exceeding Mill Run.	H. L. Garrison & Brother, Berwick.	8.80	16.38	15.50
	M. E. HERR, SCHUYLER, PA.				
7016	Wheat Middlings, -----	M. E. Herr, Schuyler, -----	7.67	17.75	16.00
	C. J. HESS, SHADE GAP, PA.				
7084	Wheat Middlings, -----	C. J. Hess, Shade Gap, ---	10.00	17.00	-----
	H. H. KING FLOUR MILLS, MINNEAPOLIS, MINN.				
6984	White Hope Wheat Flour Middlings, ---	W. M. Burleson, Port Alleghany.	10.90	18.88	16.00
	KING MIDAS MILLING CO., MINNEAPOLIS, MINN.				
6178	Snowball Wheat Flour Middlings and Ground Wheat Screenings.	G. A. Schnelbach, Pittsburgh.	11.88	17.75	16.00
	MAZEPPA MILLING CO., LEWISBURG, PA.				
6615	Pure Wheat Middlings, -----	Mazeppa Milling Co., Lewisburg.	11.41	15.63	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
5.40	4.00	5.75	7.00	\$ 45.00	Extra fancy standard wheat middlings with ground grain screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	7138
3.34	3.00	4.58	5.00	2.70	-----	Wheat flour middlings with mill run ground screenings.	6944
3.16	3.00	6.06	5.00	55.00	Extra fancy wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----	7137
3.20	3.00	4.14	5.00	50.00	Wheat middlings with ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	6893
5.47	5.00	6.80	6.00	2.50	Wheat flour middlings with ground screenings.	As certified, -----	6626
6.09	4.50	6.36	8.50	2.35	Standard middlings and flour middlings.	Wheat flour middlings,	6115
5.27	4.50	5.95	7.50	2.20	-----	Wheat flour middlings and screenings exceeding mill run.	7105
4.87	4.50	4.93	6.00	2.25	-----	Wheat flour middlings,	7016
4.88	-----	6.05	-----	2.50	-----	Wheat flour middlings,	7084
5.17	4.50	6.12	6.00	2.50	-----	Wheat flour middlings,	6984
5.48	4.00	4.85	6.00	45.00	Wheat standard middlings and ground clean wheat screenings not exceeding mill run and red dog wheat flour.	Wheat flour middlings with mill run ground screenings.	6178
4.73	4.00	5.54	6.00	2.40	-----	Wheat flour middlings,	6615

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	MENNEL MILLING CO., TOLEDO, OHIO				
5969	Mennel's Middlings with Ground Screenings not exceeding Mill Run.	A. D. Davenport, Meadville,	% 12.14	% 16.56	% 15.00
6332	Mennel's Middlings with Ground Screenings not exceeding Mill Run.	B. H. Mentzer, Chambersburg.	10.54	16.13	15.00
	MIDLAND FLOUR MILLING CO., KANSAS CITY, MO.				
7147	Pathfinder Shorts, -----	A. F. Stutzman & Son, Johnstown.	10.27	17.31	16.00
	MINNEAPOLIS MILLING CO., MINNEAPOLIS, MINN.				
6174	Golden Pure Durum Wheat Flour Middlings.	Wm. Fischer Sons, Pittsburgh.	13.39	16.38	16.00
7045	Wheat Flour Middlings, -----	Grampion Milling Co., Gram- pion.	9.93	14.88	16.00
	NATIONAL MILLING CO., TOLEDO, OHIO				
6242	Namco Wheat Middlings with Grain Screenings not exceeding Mill Run.	Farmers' Exchange, Indiana,	12.19	14.81	16.00
6643	Wheat Flour Middlings with Ground Screenings.	C. P. Mays, Cooperstown,	13.33	14.94	16.00
	NEW ULM ROLLER MILL COMPANY, NEW ULM, MINN.				
6217	Compass Pure Wheat Flour Middlings,	Wayne Milling Co., Hones- dale.	10.17	17.56	16.00
	NIAGARA FALLS MILLING CO., NIAGARA FALLS, N. Y.				
6938	Niagara Choice Wheat Flour Middlings,	Mitchell Milling Co., Clear- field.	10.18	15.56	14.50
	NORTHUMBERLAND MILLING CO., NORTHUMBERLAND, PA.				
6013	Pure Wheat Middlings, -----	Northumberland Milling Co., Northumberland.	12.46	15.81	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber Guaranteed	Fiber Found	Fiber Guaranteed	Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
5.00	4.00	5.83	6.50	2.45	Soft winter wheat, ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	5969
4.56	4.00	5.48	6.50	-----	Winter wheat feed with ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	6332
4.41	3.75	5.81	5.50	2.60	Wheat shorts with ground wheat screenings not exceeding 8%.	Wheat flour middlings with mill run ground screenings.	7147
6.16	5.50	4.30	7.50	42.00	Pure durum wheat, -----	Wheat flour middlings,	6174
5.04	5.00	6.19	6.00	2.60	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----	7045
4.86	3.50	6.98	9.00	2.45	Wheat middlings, grain screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	6242
4.15	3.50	5.24	6.00	2.70	Wheat middlings and wheat flour with ground screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	6643
5.45	4.50	4.57	6.00	50.00	Pure wheat flour middlings, --	As certified, -----	6217
4.66	3.00	5.31	7.00	3.55	Choice wheat flour middlings,	As certified, -----	6938
5.41	4.00	5.17	6.00	2.50	-----	Wheat flour middlings and trace of ground corn cockle.	6013

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MN.				
6742	Wheat Flour Middlings with Ground Screenings not exceeding Mill Run.	Speaht Brothers, Pottsville,	7.61	17.19	15.00
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MN.				
6476	Pillsbury Hard Wheat A Middlings and Screenings.	W. J. Haid, Gallitzin, ----	11.31	17.81	16.00
	ROBIN HOOD MILLING CO., CALGARY, CANADA				
6337	Superior Pure Wheat Shorts, -----	B. H. Mentzer, Chambersburg.	10.58	17.19	17.00
	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MN.				
7072	Alta Hard Wheat Middlings, -----	Cooperative Grange Milling Co., Titusville.	11.07	16.13	15.00
6256	Alta Hard Wheat Middlings, -----	M. C. Deitz's Sons, Mechanicsburg.	10.38	17.25	15.00
6505	Alta Hard Wheat Middlings, -----	Marianna Mercantile Co., Marianna.	10.06	17.31	15.00
6149	Alta Hard Wheat Middlings, -----	S. E. Rumpf, New Milford,	11.13	16.69	15.00
	STAR & CRESCENT MILLING CO., CHICAGO, ILL.				
6354	Crescent Wheat Flour Middlings, -----	C. M. Wolf, Gettysburg, ---	10.92	17.75	15.00
	TENNANT & HOYT CO., LAKE CITY, MN.				
7129	Golden Loaf Pure Flour Middlings, ----	Engle's Mill, Inc., Hazleton,	11.66	17.44	16.50
	F. E. TRUCKENMILLER, WATSON-TOWN, PA.				
6007	Wheat Middlings, -----	Blank & Gottshall Co., Inc., Sunbury.	13.45	14.81	14.63
	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MN.				
6207	Gold Medal Hard Wheat Flour Middlings and Wheat Screenings.	G. Matter & Sons, Hawley,	11.53	16.81	16.00
6338	Gold Medal Hard Wheat Flour Middlings and Wheat Screenings.	Walker Brothers, Chambersburg.	11.74	17.94	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
6.02	4.00	6.48	6.00	\$ 2.75	Wheat flour middlings and ground wheat screenings.	Wheat flour middlings with mill run ground screenings.	6742
4.78	4.00	3.89	6.00	55.00	Wheat red dog hard wheat standard B middlings with ground wheat screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings.	6476
6.21	5.00	6.83	8.00	-----	-----	Wheat flour middlings,	6337
5.37	4.50	6.43	8.50	37.60	-----	Wheat flour middlings,	7072
6.16	4.50	6.59	8.50	-----	-----	Wheat flour middlings,	6256
6.04	4.50	6.45	8.50	44.70	Mill run standard middlings and flour middlings.	Wheat flour middlings,	6505
5.80	4.50	6.66	8.50	47.00	Mill run standard middlings and flour middlings.	Wheat flour middlings,	6149
4.50	3.00	4.58	6.00	48.00	-----	Wheat flour middlings,	6354
5.70	5.00	4.42	5.25	48.00	Flour middlings, -----	As certified, -----	7129
3.82	3.56	5.30	5.29	2.40	-----	Wheat flour middlings,	6007
5.08	4.00	5.01	6.00	48.00	Hard wheat flour middlings and mill run cleaned ground wheat screenings.	Wheat flour middlings,	6207
5.15	4.00	4.32	6.00	-----	Hard wheat flour middlings and mill run cleaned ground wheat screenings.	As certified, -----	6338

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	WINFIELD MILLS, WINFIELD, PA.				
7088	Pure Wheat Middlings, -----	Winfield Mills, Winfield, ----- Average, -----	% 10.97 10.79	% 17.75 16.49	% 16.00 -----
<u>WHEAT GERM MIDDLEINGS</u>					
	HUBBARD MILLING CO., MAN-KATO, MINN.				
6682	Pure Mother Hubbard Wheat Germ Middlings.	New Florence Flour Mills, New Florence.	8.99	27.44	24.00
<u>GRAY SHORTS</u>					
	ASII BROTHERS, BRIAR CREEK, PA.				
6723	Pure Wheat Middlings, -----	Ash Brothers, Briar Creek,--	11.66	14.38	13.94
	JAMES A. GOSS, MAITLAND, PA.				
6070	Wheat Middlings, -----	James A. Goss, Maitland, --	12.07	16.56	16.56
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
6473	Blackhawk Wheat Special Middlings with Ground Screenings not exceeding Mill Run.	Z. L. Brothers, Ebensburg,	10.42	16.31	16.00
	THE RICHARDS & EVANS CO., CORTLAND, OHIO				
6578	Fancy Winter Wheat Middlings, -----	Geneva Milling Co., Geneva,	11.95	14.94	15.00
	SEES MILLING CO., INC., WIL-LIAMSPORT, PA.				
6082	Pure Wheat Middlings, -----	Sees Milling Co., Inc., Wil- liamsport.	13.66	14.31	-----
	THE WILLIAMS BROTHERS CO., KENT, OHIO				
6645	Faney Winter Wheat Middlings, -----	Bandley & Torrey, Town-ville,	12.50	15.00	16.00
6590	Fancy Winter Wheat Middlings, -----	West Side Feed & Fuel Co., Erie.	11.88	15.25	16.00
		Average, -----	12.02	15.25	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 5.06	Fat %	Fiber		Price per ton or cwt. \$ 2.40 49.38	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed 4.00	Found 4.83 5.58	Guaranteed 6.00				
11.01	8.50	2.83	4.00	2.85	-----	Wheat flour middlings, 7088	
4.05	3.51	4.16	4.86	2.50	-----	Wheat germ middlings, 6682	
4.50	3.88	4.23	2.97	2.60	-----	Wheat gray shorts, --- 6723	
4.72	4.00	4.48	5.75	55.00	-----	Wheat gray shorts, --- 6070	
4.12	3.00	4.75	10.00	2.45	-----	Wheat gray shorts with mill run ground screenings, 6473	
4.59	-----	4.50	-----	45.00	-----	Wheat gray shorts, --- 6578	
4.29	4.00	5.42	9.50	2.65	-----	Wheat gray shorts, --- 6082	
4.16	4.00	4.35	9.50	2.35	-----	Wheat gray shorts, --- 6645	
4.35	-----	4.55	-----	50.15	-----	Wheat gray shorts, --- 6590	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
<u>WHITE SHORTS</u>					
	AQUEDUCT MILLS, BLOOMSBURG, PA.				
7061	Pure Wheat Middlings, -----	Aqueduct Mills, Bloomsburg,	%	%	%
	ATKINSON MILLING CO., MIN- NEAPOLIS, MINN.		11.90	14.56	15.20
7043	Watch Word Wheat Red Dog Flour, --	Kiser Feed Co., Grampion,--	10.06	17.00	16.00
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
6343	Wheat Middlings, -----	Belleville Flour Mills Co., Belleville.	12.63	16.00	-----
	BLAINE, MACKAY, LEE CO., NORTH EAST, PA.				
7048	Pure Wheat Middlings, -----	Bridgeport Mills, Curwens- ville.	10.60	17.69	15.00
	COCHRANTON MILLING CO., COCH- RANTON, PA.				
6260	Wheat Middlings, -----	Cochranton Milling Co., Cochranton.	12.17	15.56	16.00
	COVE ROLLER MILLS, WARFORDS- BURG, PA.				
6465	Wheat Middlings, -----	Cove Roller Mills, Warfords- burg.	11.90	14.13	-----
	W. E. CUSTER, MILTON, PA.				
7052	Pure Wheat Middlings, -----	W. E. Custer, Danville, ---	11.41	15.31	14.00
	CLAYTON ETTERS, OAK HALL, PA.				
6249	Wheat Middlings, -----	Clayton Etters, Oak Hall, --	13.81	13.63	10.00
	ED. HELLYER, JR., ALEXANDRIA, PA.				
6510	Wheat Middlings, -----	Ed. Hellyer, Jr., Alexan- dria.	13.03	15.69	-----
	RICHARD M. HOLDREN, JERSEY- TOWN, PA.				
6603	Pure Wheat Middlings, -----	Richard M. Holdren, Jersey- town.	11.94	13.50	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.34	3.24	3.47	6-8	\$ 2.60	-----	Wheat white shorts, ---	7061
3.76	3.50	4.01	4.00	2.80	-----	Wheat white shorts, ---	7043
4.58	-----	3.86	-----	2.60	-----	Wheat white shorts, ---	6343
5.49	4.00	4.14	9.00	2.60	Pure wheat middlings with mill run screenings.	Wheat white shorts with mill run ground screenings.	7048
5.31	4.00	3.37	6.00	45.00	Wheat, -----	Wheat white shorts, ---	6260
3.64	-----	2.06	-----	2.75	-----	Wheat white shorts, ---	6465
3.18	4.00	3.62	3.00	2.40	-----	Wheat white shorts, ---	7052
3.30	2.00	3.30	11.00	2.00	-----	Wheat white shorts, ---	6249
4.12	-----	2.62	-----	-----	-----	Wheat white shorts, ---	6510
3.86	4.00	3.01	6.00	2.75	-----	Wheat white shorts, ---	6603

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN.				
5961	Blækhawk Wheat Middlings, -----	Fayette Feed Co., Fayette City.	11.30	15.06	16.00
6934	Blækhawk Wheat Middlings, -----	Mitchell Milling Co., Clearfield.	10.56	16.75	15.00
6588	Blackhawk Wheat Middlings, -----	Schrinper Brothers, Belle Valley.	12.65	15.88	15.00
	C. S. JOHNSON, WARFORDSBURG, PA.				
6459	Wheat Middlings, -----	C. S. Johnson, Warfordsburg.	12.62	14.38	-----
	JONESTOWN ROLLER MILLS, ORANGEVILLE, PA.				
6541	Pure Wheat Middlings, -----	Jonestown Roller Mills, Orangeville.	12.54	11.13	15.00
	J. B. KELLEY, WASHINGTONVILLE, PA.				
6600	Kelley's Pure Wheat Middlings, -----	J. B. Kelley, Washingtonville.	14.94	13.31	16.00
	MAPLE LEAF MILLING CO., TORONTO, CANADA				
6116	Bonny White Middlings, -----	Star Milling Co., Clymer, --	12.07	16.06	16.50
6569	Bonny White Middlings, -----	Geo. M. Witmer's Sons, Selinsgrove.	10.35	16.06	15.50
	MARTINSBURG MILLING CO., MARTINSBURG, PA.				
7086	Wheat Middlings, -----	Martinsburg Milling Co., Martinsburg.	11.05	14.50	-----
	MINNEAPOLIS MILLING CO., MINNEAPOLIS, MINN.				
5982	Red Dog Pure Wheat Product, -----	Maek Brothers, Titusville, ---	11.89	17.75	17.00
	MONTOUR MILLS, BLOOMSBURG, PA.				
7028	Pure Wheat Middlings, -----	Montour Mills, Bloomsburg,	11.26	17.38	15.00
	PAUL T. MOYER, WINFIELD, PA.				
7097	Pure Wheat Middlings, -----	Paul T. Moyer, Winfield, ---	10.98	15.94	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.52	3.00	2.47	4.50	\$ 48.00	-----	Wheat white shorts, ---	5961
4.41	3.50	2.60	4.50	3.00	-----	Wheat white shorts, ---	6934
3.62	3.50	2.19	4.50	2.40	-----	Wheat white shorts, ---	6588
3.70	-----	2.54	-----	2.70	-----	Wheat white shorts, ---	6459
2.98	4.00	1.56	10.00	2.45	-----	Wheat white shorts, ---	6541
3.57	5.00	2.05	5.00	2.60	-----	Wheat white shorts, ---	6600
4.27 3.77	5.00 3.50	3.59 3.06	6.00 4.50	2.65 2.50	Wheat, ----- Wheat, -----	Wheat white shorts, --- Wheat white shorts, ---	6116 6569
3.80	-----	2.98	-----	2.50	-----	Wheat white shorts, ---	7086
4.85	4.00	2.38	4.00	2.80	Wheat, -----	Wheat white shorts, ---	5982
4.98	3.00	4.27	7.00	2.50	-----	Wheat white shorts, ---	7028
3.85	4.00	3.03	6.00	2.40	-----	Wheat white shorts, ---	7097

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7114	ORANGEVILLE MILLING CO., ORANGEVILLE, PA.	Orangeville Milling Co., Orangeville.	11.27	14.44	14.00
6718	PURE WHEAT MIDDLEDINGS, MAINVILLE, PA.	Perfection Roller Mills, Main- ville.	11.70	14.44	12-14
6060	I. J. ROHRBAUGH, BEECH CREEK, PA.	L. H. Stephens, Beech Creek,	13.00	16.31	-----
6557	W. S. SMITH, MT. PLEASANT MILLS, PA.	W. S. Smith, Mt. Pleasant Mills.	12.85	13.50	14.00
6512	PURE WHEAT MIDDLEDINGS, PA.	HARVEY SPEER, BLAIRS MILLS, PA.	11.26	14.25	-----
6609	C. W. STEESE, LEWISBURG, PA.	C. W. Steese, Lewisburg, ---	10.00	14.81	16.00
6697	PURE WHEAT MIDDLEDINGS, STOKES MILLING CO., WATER- TOWN, S. D.	KLINE GRAIN CO., SHELOETA, ---	10.50	17.50	15.50
6456	SUNSHINE PURE FLOUR MIDDLEDINGS, WOODBURY MILLING COMPANY, WOODBURY, PA.	M. Hollingshead, Harrison- ville.	12.13	14.19	15.00
6546	BLUE RIBBON FLOUR MIDDLEDINGS, L. E. YAGEL, MILLMONT, PA.	WOLFE & HUFFMAN, WATSON- TOWN.	11.49	14.94	8.69
6551	PURE WHEAT MIDDLEDINGS, C. R. ZECHMAN, POTTS GROVE, PA.	C. R. Zeehman, Pottsgrove,	10.88	15.06	16.00
	Average, -----	Average, -----	11.77	15.21	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or ewt. Guaranteed	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed	Found				
2.97	4.00	3.42	% 5.00	\$ 2.50	Wheat white shorts, ...	7114
4.04	2-5	2.66	6.00	2.60	Wheat white shorts, ...	6718
4.12	-----	3.45	-----	2.60	Wheat white shorts, ...	6060
3.45	3.00	2.37	9.00	2.60	Wheat white shorts, ...	6557
4.99	-----	3.70	-----	2.50	Wheat white shorts, ...	6512
4.12	4.00	3.71	6.00	2.50	Wheat white shorts, ...	6609
4.82	3.70	3.93	9.80	2.65	Wheat white shorts, ...	6697
3.43	3.00	3.82	6.00	2.75	Wheat white shorts, ...	6456
4.25	3.00	3.98	8.01	2.40	Wheat white shorts, ...	6546
4.54	4.00	3.87	6.00	2.50	Wheat white shorts and trace of ground corn cockle.	6551
4.02	-----	3.15	-----	51.00		

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
<u>LOW GRADE FLOUR</u>					
	BALDWIN FLOUR MILLS CO., MINNEAPOLIS, MINN.				
6758	Wheat Red Dog Flour, -----	Big Run Milling Co., Big Run.	10.70	14.13	15.00
	BAY STATE MILLING CO., WINONA, MINN.				
6747	Wingold Pure Hard Wheat Fancy White Flour Middlings.	Jalappa Grain Elevator, Pottsville.	9.37	14.25	17.00
	J. T. CLAYBAUGH, EVERETT, PA.				
6899	Wheat Middlings, -----	J. T. Claybaugh, Everett,--	12.16	10.44	16.00
	B. A. ECKHARD MILLING CO., CHICAGO, ILL.				
6175	Wheat Red Dog, -----	Wm. Fischer Sons, Pittsburgh.	13.02	14.00	12.00
	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y.				
6986	Wheat Red Dog Flour, -----	W. M. Burleson, Port Alle-gany.	10.71	17.44	15.00
	THE NORTHWESTERN CONSOLIDATED MILLING CO., MINNEAPOLIS, MINN.				
6913	XXX Comet Pure Wheat Product, -----	Gibbs Milling Co., Nanti-eoke.	9.53	17.88	16.00
	ORBISONIA ROLLER MILLS, ORBISONIA, PA.				
5986	Wheat Middlings, -----	Orbisonia Roller Mills, Orbisonia.	14.72	14.25	-----
	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN.				
6918	Pillsbury's XX Daisy, -----	Gibbs Milling Co., Nanti-eoke.	10.32	17.88	16.00
6623	Pillsbury's XX Daisy, -----	Ridgway Grist Mills, Ridg-way.	8.71	17.56	16.00
	GEORGE E. ROHM, BREEZEWOOD, PA.				
6485	Wheat Middlings, -----	George E. Rohm, Breeze-wood.	13.22	11.10	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.01	3.00	2.04	4.00	\$ 2.90	-----	Low grade wheat flour,	6758
4.13	5.00	2.20	4.00	3.00	Wheat, -----	Low grade wheat flour,	6747
2.14	4.00	0.94	6.00	2.80	-----	Low grade wheat flour,	6899
3.25	2.50	1.10	4.00	50.00	-----	Low grade wheat flour,	6175
4.16	4.25	3.10	4.00	2.80	Wheat, -----	Low grade wheat flour,	6986
5.77	4.00	2.36	4.00	56.00	Red dog wheat flour, -----	Low grade wheat flour,	6913
4.27	-----	1.94	-----	2.70	-----	Low grade wheat flour,	5986
4.75	4.00	2.32	4.00	56.00	Wheat red dog, -----	Low grade wheat flour,	6918
4.40	4.00	1.41	4.00	3.00	Wheat red dog, -----	Low grade wheat flour,	6623
2.63	-----	1.78	-----	2.60	-----	Low grade wheat flour,	6485

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	I. J. ROHRBAUGH, BEECH CREEK, PA.				
6061	Pure Wheat Middlings, -----  WASHBURN-CROSBY CO., MINNEAPOLIS, MINN.	L. H. Stephens, Beech Creek,	14.41	12.81	13.00
6927	Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog.	J. B. Anderson Son, Shick- shiny.	10.47	16.00	16.00
6346	Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog.	G. R. Thompson & Son, Gettysburg.	10.82	16.25	16.00
	THE WHEATENA CORPORATION, HIGHSPIRE, PA.				
6386	Pure Wheat Middlings, -----  RYE OFFALS	Paxton Flour & Feed Co., Harrisburg.	10.60	13.50	12.00
		Average, -----	11.34	14.82	-----
	RYE MIDDLING				
	(With Ground Grain Screenings)				
	BAY STATE MILLING CO., WINONA, MINN.				
5980	Wingold Rye Middlings and Rye Screenings.	Mack Brothers, Titusville,	12.21	16.13	16.00
	OAT BY-PRODUCTS				
	OAT FEED				
	HECKER H-O COMPANY, INC., BUFFALO, N. Y.				
6317	Reground Oat Feed, -----	Lakeview Milling Co., Cham- bersburg.	6.08	6.81	5.00
	THE OGILVIE FLOUR MILLS, LTD., WINNIPEG, CANADA				
6702	Ogilvie's Oat Feed, -----	R. C. Meek Estate, Allen- wood.	5.26	5.75	5.25
	THE QUAKER OATS COMPANY, CHICAGO, ILL.				
6329	Vim Feed, -----	D. W. Foust & Sons, Cham- bersburg.	6.66	5.44	5.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
2.42	2.50	1.35	3.00	\$ 2.70	-----	Low grade wheat flour,	6061
3.63	3.50	1.87	4.00	59.00	Pure hard wheat, -----	Low grade wheat flour,	6927
4.06	3.50	1.89	4.00	52.00	Pure hard wheat, -----	Low grade wheat flour,	6346
2.66	2.00	3.01	4.00	45.00	-----	Low grade wheat flour,	6386
3.66	-----	1.95	-----	54.86	-----	-----	-----
3.40	3.00	5.46	7.00	2.20	Rye middlings and rye screenings not exceeding mill run.	As certified, -----	5980
2.66	2.00	24.53	28.00	-----	Oat middlings, oat shorts and oat hulls.	As certified, -----	6317
2.90	2.50	26.26	27.00	2.00	-----	Oat feed, -----	6702
1.75	2.00	28.88	28.00	-----	Oatmeal mill by-products, (oat middlings, oat shorts, oat hulls).	As certified, -----	6329

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6699	Vim Feed, -----	Kline Grain Co., Shelocta,--	% 6.27	% 5.63	% 5.00
		Average, -----	6.07	5.91	-----
<u>ALFALFA MEAL</u>					
	THE AVONDALE ALFALFA MILLING & ELEVATOR CO., PUEBLO, COLORADO				
6884	Colorado Alfalfa Meal, -----	Lycoming Mills, Williamsport.	8.57	16.38	12.00
	A. B. CAPLE CO., TOLEDO, OHIO				
6443	Alfalfa Meal, -----	John C. Wilson, Philadelphia.	7.93	15.06	12.00
	THE DENVER ALFALFA MILLING & PRODUCTS CO., LAMAR, COLORADO				
6440	Alfalfa Meal, -----	H. Beidler & Co., Philadelphia.	5.96	16.69	13.00
6580 5976	Alfalfa Meal, -----	Geneva Milling Co., Geneva, H. C. Hutchinson, Hydetown.	11.20 9.85	15.75 15.44	13.00 13.00
7077	Alfalfa Meal, -----	H. C. Hutchinson, Hydetown.	8.09	14.19	12.00
6711	Alfalfa Meal, -----	R. C. Meek Estate, Allenwood.	7.59	14.56	13.00
6964	Alfalfa Meal, -----	Serviee Stores Corporation, Slickville.	7.26	18.69	13.00
6931	Triple XXX Alfalfa Meal, -----	J. B. Anderson Son, Shickshinny.	8.80	17.50	13.00
6701 6320	Triple XXX Alfalfa Meal, -----	J. A. Gault Co., Kittanning, Lakeview Milling Co., Chambersburg.	8.49 6.95	13.63 18.75	13.00 12.00
6401	Triple XXX Alfalfa Meal, -----	Latrobe Feed Supply Co., Latrobe.	9.16	18.13	13.00
6873 6970	Triple XXX Alfalfa Meal, -----	E. J. Rogers, Emporium, J. B. Roux, New Wilmington.	8.58 8.87	13.06 17.31	13.00 13.00
7156	Triple XXX Alfalfa Meal, -----	Westminster Supply Co., Erie.	8.71	10.50	13.00
	PECOS VALLEY ALFALFA MILL CO., HAGERMAN, N. M.				
6689	Alfalfa Meal, -----	Frank Wetzell, Marion Center.	11.55	15.13	12.00
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
5996	Fine Ground Green Poultry Alfalfa Meal.	Oil City Milling Co., Oil City.	11.02	19.25	17.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
% 2.13	% 2.00	% 26.96	% 28.00	\$ 1.75	Oatmeal mill by-products, (oat middlings, oat shorts, oat hulls).	As certified, ----- 6699
2.36	-----	26.65	-----	1.88		
1.93	1.50	25.92	35.00	52.00	-----	Alfalfa meal, ----- 6884
1.20	1.00	30.02	35.00	-----	Made from select alfalfa hay,	As certified, ----- 6443
1.22	1.00	30.43	33.00	-----	Alfalfa, -----	Alfalfa meal, ----- 6440
1.34 1.60	1.00 1.00	26.96 29.23	33.00 33.00	2.60 2.75	Alfalfa, ----- Alfalfa, -----	Alfalfa meal, ----- 6580 Alfalfa meal, ----- 5976
1.64	1.00	28.72	35.00	2.75	Alfalfa, -----	Alfalfa meal, ----- 7077
1.90	1.00	29.19	33.00	2.60	Alfalfa, -----	Alfalfa meal, ----- 6711
1.68	1.00	24.33	33.00	3.00	Alfalfa, -----	Alfalfa meal, ----- 6964
1.56	1.00	29.01	33.00	56.00	Alfalfa, -----	Alfalfa meal, ----- 6931
1.61 2.21	1.00 1.00	29.73 24.36	33.00 35.00	2.10 2.40	Alfalfa, ----- Alfalfa, -----	Alfalfa meal, ----- 6701 Alfalfa meal, ----- 6320
1.76	1.00	24.52	33.00	2.75	Alfalfa, -----	Alfalfa meal, ----- 6401
1.47 1.72	1.00 1.00	29.68 26.56	33.00 33.00	----- 2.40	Alfalfa, ----- Alfalfa, -----	Alfalfa meal, ----- 6873 Alfalfa meal, ----- 6970
1.22	1.00	36.83	33.00	2.50	Alfalfa, -----	Alfalfa meal, ----- 7156
2.31	1.50	20.92	35.00	2.30	Alfalfa hay, -----	As certified, ----- 6689
1.83	1.60	23.51	25.00	2.65	Ground alfalfa meal, -----	As certified, ----- 5996

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE A. W. SCOTT CO., SAN FRANCISCO, CALIFORNIA				
6727	Atlas Poultry Greens, -----	Ash Brothers, Briar Creek,--	12.65	15.19	20.00
6886	Atlas Poultry Greens, -----	C. R. Misner, Newberry, --	10.33	14.50	20.00
	OTTO WEISS MILLING CO., WICHITA, KANSAS				
6441	Otto Weiss Alfalfa Meal, -----	H. Beidler & Co., Philadelphia.	6.80	14.81	12.00
	DRIED BEET PULP	Average, -----	8.92	15.73	-----
	THE LARROWE MILLING CO., DETROIT, MICH.				
6011	Dried Beet Pulp, -----	Blank & Gottshall Co., Inc., Sunbury.	7.38	9.63	8.00
6868	Dried Beet Pulp, -----	Emporium Milling Co., Emporium.	9.83	9.44	8.00
6917	Dried Beet Pulp, -----	Gibbs Milling Co., Nanticoke,	9.33	9.31	8.00
7169	Dried Beet Pulp, -----	Johnstown Milling Co., Johnstown.	9.02	9.69	8.00
5974	Dried Molasses Beet Pulp, -----	H. C. Hutchinson, Hyde-town.	8.95	9.31	8.00
6374	Dried Molasses Beet Pulp, -----	Owings Brothers, York, ---	8.69	9.06	8.00
	MIXED FEEDS	Average, -----	8.87	9.41	-----
	PROPRIETARY DAIRY FEED				
	THE AMERICAN MILLING CO., PEORIA, ILL.				
6683	Ameo 24% Dairy Rations, -----	Grant Pearree, Home, -----	10.50	26.00	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
2.16	2.00	23.41	18.00	3.60	Fancy ground alfalfa concentrating leaves and blossoms, by partial removal of stems.	As certified, -----	6727	
2.08	2.00	20.28	18.00	70.00	Fancy ground alfalfa concentrating leaves and blossoms, by partial removal of stems.	As certified, -----	6886	
1.42	1.00	30.71	35.00	-----	Ground alfalfa hay, -----	As certified, -----	6441	
1.69	-----	27.21	-----	54 54				
1.25	0.50	19.15	22.00	2.50	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	6011	
0.96	0.50	18.51	22.00	53.00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	6868	
0.40	0.50	19.96	22.00	58.00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	6917	
0.71	0.50	17.97	22.00	48.00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	7100	
0.75	0.50	15.48	20.00	2.25	Composed only of residue of sugar beets, molasses and pulp.	As certified, -----	5974	
0.47	0.50	15.69	20.00	57.00	Composed only of residue of sugar beets, molasses and pulp.	As certified, -----	6374	
0.76	-----	17.79	-----	51.84				
4.33	3.00	7.76	9.00	2.55	Corn gluten feed, corn gluten meal, choice cottonseed meal, O. P. linseed oil meal, wheat standard bran, hominy feed and corn meal, malt grains, cane molasses, steamed bone meal, ground limestone, salt.	As certified, -----	6683	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6292	Ameo 24% Dairy Rations, -----	J. L. Rhoads, Quarryville,--	9.31	25.69	24.00
6179	Ameo 24% Dairy Rations, -----	G. A. Schnelbach, Pittsburgh.	12.63	24.00	24.00
6350	Ameo 16½% Suerene Dairy Ration, ----	Adams County Farm Bureau, Gettysburg.	10.00	18.13	16.50
6629	Ameo 16½% Suerene Dairy Ration, ----	R. M. Plyler, Summerville,--	10.18	18.50	16.50
6291	Ameo 32% Supplement Dairy Ration, --	J. L. Rhoads, Quarryville,--	7.52	35.00	32.00
6690	Ameo 32% Supplement Dairy Ration, --	Frank Wetzell, Marion Center.	9.97	32.00	32.00
6846	American Dairy Ration, -----	Peter Shaffer & Sons, New Brighton.	7.74	24.88	24.00
6628	20% National Dairy Ration, -----	R. M. Plyler, Summerville,--	9.19	22.50	20.00
GEORGE M. ANTHONY, STRAUSS-TOWN, PA.					
6863	Anthony's Dairy Feed, -----	George M. Anthony, Strauss-town.	8.45	21.94	20.00
ARCADY FARMS MILLING CO., CHICAGO, ILL.					
6823	Areo 24% Dairy Rations, -----	A. S. Bowser, Kittanning,--	8.61	23.75	24.00
6367	Areo 24% Dairy Rations, -----	F. E. Radaker, DuBois, ---	10.02	24.50	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.63	4.00	5.77	9.00	-----	Corn gluten feed, corn gluten meal, cottonseed meal—choice, soy bean oil meal, linseed oil meal—O. P., wheat standard bran, hominy feed and corn meal, malt grains, cane molasses, steamed bone meal, ground limestone, salt.	As certified, -----	6202
3.70	4.00	6.32	9.00	48.00	Malt grains, cottonseed meal—choice, linseed oil meal—O. P., corn gluten feed, corn feed meal, wheat standard bran, ground and bolted wheat screenings, clipped oat by product, cane molasses, ground limestone, salt.	As certified, -----	6179
4.75	4.00	10.66	12.00	46.00	Corn gluten feed, soy bean oil meal, corn gluten meal, peanut oil meal, cottonseed meal, wheat standard bran, linseed oil meal, molasses—cane, ground limestone, bone meal—steamed.	Found also small amount small whole weed seeds.	6350
4.00	4.00	9.59	12.00	2.45	Corn distillers' dried grains, cottonseed meal—choice, linseed oil meal—O. P., corn gluten feed, peanut oil meal—choice, dried sugar beet pulp, wheat standard middlings, wheat standard bran, corn feed meal, molasses—cane, bone meal—steamed, ground limestone, salt.	As certified, -----	6629
4.71	4.50	6.42	9.00	-----	Corn gluten feed, soy bean oil meal, corn gluten meal, peanut oil meal, cottonseed meal, wheat standard bran, linseed oil meal, molasses—cane, ground limestone, bone meal—steamed.	As certified, -----	6291
5.20	4.50	6.82	9.00	3.00	Corn distillers' dried grains, cottonseed meal—choice, linseed oil meal—O. P., corn gluten feed, peanut oil meal—choice, dried sugar beet pulp, wheat standard middlings, wheat standard bran, corn feed meal, molasses—cane, bone meal—steamed, ground limestone, salt.	As certified, -----	6690
4.26	4.50	7.99	10.00	2.70	Corn distillers' dried grains, cottonseed meal—choice, linseed oil meal—O. P., corn gluten feed, peanut oil meal—choice, dried sugar beet pulp, wheat standard middlings, wheat standard bran, corn feed meal, molasses—cane, bone meal—steamed, ground limestone, salt.	As certified, -----	6846
5.19	4.50	9.63	9.00	2.65	Corn distillers' dried grains, linseed oil meal—O. P., choice cottonseed meal, choice peanut oil meal, corn gluten feed, ground oats, wheat standard bran, hominy feed and corn meal, cane molasses, steamed bone meal, ground limestone, salt.	As certified, -----	6628
4.05	5.00	7.71	8.00	2.60	Gluten feed, wheat bran, ground oats, corn and cob meal, corn meal, linseed meal, cottonseed meal and 1% salt.	As certified, -----	6863
4.97	4.50	10.69	11.00	2.70	Cottonseed meal, wheat bran, wheat middlings, dried grains from barley, malt and corn, O. P. linseed oil meal, corn gluten feed, alfalfa meal, clean, ground and bolted grain screenings, molasses, calcium carbonate (limestone), $\frac{1}{2}$ of 1% salt.	As certified, -----	6823
4.99	4.50	11.27	11.00	2.75	Found also malt sprouts.	-----	6367

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7174	Milker's Ready Ration, -----	Johnstown Milling Co., Johnstown.	9.69	21.56	22.00
6800	Milker's Ready Ration, -----	W. W. Kalb, Sunbury, -----	9.52	20.31	22.00
6948	Milker's Ready Ration, -----	Evan H. McBroom, Derry,--	9.52	22.38	22.00
6836	Provo 16 Dairy Feed, -----	T. P. Heffner, Saxton, -----	8.52	16.19	16.00
6366	Provo 16 Dairy Feed, -----	F. E. Radaker, DuBois, --	12.49	15.75	16.00
6801	Sweet 16 Dairy Feed, -----	W. W. Kalb, Sunbury, -----	10.19	16.88	16.00
6141	Sweet 16 Dairy Feed, -----	S. E. Rumpf, New Milford,--	9.76	19.44	16.00
7168	Wonder Dairy Ration, -----	Johnstown Milling Co., Johnstown.	10.05	24.75	24.00
6213	Wonder Dairy Ration, -----	Wayne Milling Co., Honesdale.	10.61	24.50	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.64	4.00	10.65	11.00	\$ 2.50	Corn gluten feed, wheat middlings, wheat bran, old process linseed meal, corn oil cake meal, corn feed meal, cleaned ground and bolted wheat screenings, cottonseed meal, dried grains from barley, malt and corn, molasses, $\frac{1}{2}$ of 1% salt.	Found also small amount small unground weed seeds. Found also malt sprouts.	7174
4.41	4.00	11.78	11.00	2.75		Corn oil cake meal not detected. Found also oat meal mill by-products, oats, millet and small amount unground weed seeds.	6800
4.56	4.00	10.45	11.00	2.60			6948
3.90	3.50	12.97	12.00	2.50	Corn gluten feed, dried grains from barley, malt and corn, cottonseed meal, wheat middlings, O. P. linseed meal, molasses, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-product, calcium carbonate from limestone, $\frac{1}{10}$ of 1% salt.	Salt not detected, -----	6836
5.48	3.50	13.85	12.00	2.25	Corn gluten feed, dried grains from barley, malt and corn, cottonseed meal, wheat middlings, O. P. crushed oil meal, molasses, cleaned, ground and bolted wheat screenings, ground and bolted clipped oat by-product, calcium carbonate from limestone, $\frac{1}{2}$ of 1% salt.	Salt not detected. Found also flax plant by-product.	6366
3.64	4.00	10.70	12.00	2.50	Wheat bran, wheat middlings, O. P. linseed oil meal, corn gluten feed, cleaned, ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses, dried grains from barley, malt and corn, $\frac{1}{2}$ of 1% salt, calcium carbonate.	As certified, -----	6801
3.90	4.00	11.99	12.00	44.00	Wheat bran, wheat middlings, O. P. linseed oil meal, corn gluten feed, cleaned, ground and bolted clipped oats by-product, cleaned, ground and bolted wheat screenings, cottonseed meal, molasses, dried grains from barley, malt and corn, $\frac{1}{2}$ of 1% salt.	Found also malt sprouts and flax plant refuse.	6141
4.08	5.00	8.32	10.00	56.00	Cottonseed meal, corn oil cake meal, corn gluten feed, old process linseed oil meal, corn feed meal, wheat bran, wheat middlings, dried grains from barley, malt and corn, molasses, alfalfa meal, $\frac{1}{2}\%$ salt.	As certified, -----	7163
4.24	5.00	7.97	10.00	48.00		Found also malt sprouts.	6213

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	J. J. BADENOCH CO., CHICAGO, ILL.				
6469	C-Er-Pay Dairy Feed, -----	James McNelis, Hastings, --	10.15	23.63	22.00
6468	Circlebee Dairy Feed, -----	James McNelis, Hastings, --	6.50	25.63	24.00
6765	Sweet Honey Bee Dairy Feed, -----	Cheyney Supply Co., Chey- ney.	10.93	16.81	16.00
6466	Sweet Honey Bee Dairy Feed, -----	Roy W. Layton, Warfords- burg.	10.01	17.63	16.00
	BANDLEY & TORREY, TOWNVILLE, PA.				
6647	Purity Dairy Feed, -----	Bandley & Torrey, Town- ville.	10.70	23.31	22.00
	WM. B. BARNITZ, CARLISLE, PA.				
6251	Cumberland Dairy Feed, -----	Wm. B. Barnitz, Carlisle, --	9.85	21.31	20.00
	C. R. BERGER, TROUT RUN, PA.				
6877	Berger's Milk Produceer, -----	C. R. Berger, Trout Run, --	9.21	24.88	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.20	4.00	8.99	11.00	\$ 52.00	Dried grains from barley, malt and corn, corn gluten meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, cottonseed meal, cleaned, ground and bolted screenings from wheat, oats, barley and flax, corn feed meal, corn oil cake meal, coconut oil meal (Copra), calcium carbonate from limestone 1%, molasses, $\frac{1}{2}$ of 1% salt.	Found also malt sprouts and small amount unground weed seeds.	6469
4.01	4.00	9.89	11.00	\$ 55.00	Wheat bran, wheat middlings, corn gluten meal, cottonseed meal, oat shorts, oat middlings, oat hulls, old process linseed oil meal, dried grains from barley, malt and corn, clean, ground and bolted wheat screenings, corn feed meal, ground oats, coconut oil meal, calcium carbonate from limestone 1%, bone meal, molasses, $\frac{1}{2}$ of 1% salt.	Found also small amount unground weed seeds.	6468
5.91	4.00	11.84	12.00	\$ 47.00	Corn, gluten feed, cottonseed meal, old process linseed oil meal, corn gluten meal, wheat bran, wheat middlings, clean, ground and bolted screenings from wheat, oats, barley and flax, ground and bolted clipped oat by-products, calcium carbonate from limestone 1%, molasses, and salt 1%.	Found also small amount unground weed seeds.	6765
5.15	4.00	10.82	12.00	\$ 2.50		Found also small whole weed seeds.	6466
4.16	4.00	8.63	10.00	\$ 2.85	Corn, oats, bran, middlings, gluten, oil meal, cottonseed meal, 1% salt.	As certified, -----	6647
4.00	4.00	8.74	12.00	\$ 2.40	Linseed oil meal, cottonseed meal, wheat bran, alfalfa meal, ground oats, corn and eob meal, salt.	As certified, -----	6251
4.08	4.00	7.50	9.00	\$ 55.00	Cottonseed meal, oil meal, diamond corn gluten meal, gluten feed, corn feed meal, wheat bran, wheat middlings, buckwheat middlings.	As certified, -----	6877

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	BLANK & GOTTSALL CO., INC., SUNBURY, PA.				
5998	B and G. Dairy Ration, -----	Blank & Gottshall Co., Inc., Sunbury.	% 11.44	% 21.06	% 20.00
7100	B and G Sweetened Dairy Ration, -----	Paul T. Moyer, Winfield, ---	7.29	20.81	20.00
	CHAMBERSBURG GRAIN CO., CHAMBERSBURG, PA.				
6325	W. D. Dairy, -----	Chambersburg Grain Co., Chambersburg.	7.11	22.63	20.00
	CHAPIN & CO., CHICAGO, ILL.				
6788	Unicorn Dairy Ration, -----	Roy J. Dunham, Wellsboro,	7.49	24.06	24.00
6843	Unicorn Dairy Ration, -----	Hildebrand & Jones, New Brighton.	7.86	24.31	24.00
	THE G. E. CONKEY CO., CLEVELAND, OHIO				
7134	Conkey's Geeeo 20% Dairy Ration, ---	Engle's Mill, Inc., Hazleton.	9.10	22.38	20.00
	Red Seal 16 Dairy Ration, -----	Z. L. Brothers, Ebensburg,	9.48	19.00	16.00
6071	Red Seal 16 Dairy Ration, -----	E. George & Son, Spangler,	9.89	20.50	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
4.97	% 5.00	% 8.14	% 10.00	\$ 2.25	Corn feed meal, wheat bran, buckwheat middlings, corn gluten feed, corn gluten meal, ground oats, linseed meal, cottonseed meal, dried brewers' grains, calcium carbonate, salt and steamed bone.	As certified, -----	5998	
4.43	5.00	8.75	10.00	2.50	Corn feed meal, wheat bran, buckwheat middlings, corn gluten feed, reground oat feed (oat middlings and oat hulls), linseed meal, cottonseed meal, dried brewers' grains, alfalfa meal, molasses, calcium carbonate, steamed bone, salt.	As certified, -----	7100	
4.76	4.00	9.45	11.00	-----	Beet pulp, cottonseed meal, oil meal, wheat middlings, wheat bran, gluten feed, bone charcoal, calcium carbonate, calcium sulphate, sodium chloride, potassium iodine.	As certified, -----	6325	
5.37	5.00	8.82	10.00	54.00	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal, calcium carbonate, bone charcoal and salt, wheat middlings.	As certified, -----	6788	
5.23	5.00	8.48	10.00	3.00	{ Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal, calcium carbonate, bone charcoal and salt, wheat middlings.	As certified, -----	6843	
4.52	4.50	7.25	9.00	56.00		Brewers' dried grains, corn gluten feed, cottonseed meal, soy bean oil meal, old process oil meal, wheat bran, corn feed meal, ground oats, molasses, 1% calcium carbonate, steamed bone meal, 1% salt.	As certified, -----	7134
4.39	3.50	8.50	10.00	56.00	Cottonseed meal, old process oil meal, ground grain screenings, molasses, wheat bran, corn feed meal, corn gluten feed, 1% calcium carbonate, steamed bone meal, 1% salt.	As certified, -----	6471	
4.41	3.50	8.09	10.00	57.00		As certified, -----	6771	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's Number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y.				
6526	G. L. F. 32% Supplemental Dairy Feed,	H. B. Low & Son, Orangeville.	% 7.99	% 33.63	% 32.00
	CUSTER'S FLOUR MILLS, MILTON, PA.				
7055	Custer's Dairy Ration, -----	W. E. Custer, Danville, ----	10.61	20.38	21.00
7056	Custer's Dairy Ration No. 2, -----	W. E. Custer, Danville, ----	10.49	21.00	24.00
	DELAWARE MILLS, INC., DEPOSIT, N. Y.				
6202	Delaware Dairy Feed, -----	G. Matter & Sons, Hawley,	8.76	23.19	23.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
7067	Dickinson's My-Lassis Dairy Feed, ----	Midland Milling & Supply Co., Midland.	9.05	17.69	16.00
7047	Globe Milk Producer with Molasses, --	Grampion Milling Co., Gram- pion.	9.23	24.98	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 4.87	Guaranteed % 4.50	Fat		Fiber		Price per ton or cwt. \$ 2.95	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
		Found % 8.25	Guaranteed % 9.00	Found % 6.81	Guaranteed % 9.00				
4.26	5.00	6.81	9.00	2.50	Corn, gluten feed, diamond corn gluten meal, cottonseed meal—choice, linseed oil meal—O. P., soy bean oil meal, peanut oil meal—choice, wheat bran (may contain mill run screenings), molasses—cane, bone meal—steamed, ground limestone.	As certified, -----	6526		
4.28	5.00	8.35	9.00	2.65	Ground oats, wheat bran, hominy feed, ground corn (fine), oil meal, cottonseed meal, charcoal, powdered skimmed milk, salt, calcium phosphate, starch, sugar, oxide of iron, wheat flour middlings, dried blood, corn gluten feed.	Sugar not detected. Found also molasses and small amount ground grain screenings.	7055		
4.70	5.00	9.55	10.00	53.00	Wheat bran, corn gluten feed, wheat flour middlings, cottonseed meal, oil meal, alfalfa leaf meal, ground corn, charcoal, powdered skimmed milk, salt, calcium phosphate, starch, sugar, oxide of iron, dried blood.	Sugar and calcium carbonate not detected. Found also molasses and alfalfa stems.	7056		
3.86	4.00	8.91	12.00	2.40	Corn gluten feed, linseed oil meal, cottonseed meal, dried beet pulp, hominy feed, corn feed meal, wheat bran, wheat middlings, $\frac{1}{2}$ of 1% salt, calcium carbonate.	As certified, -----	6202		
4.01	4.50	7.17	10.00	3.00	Old process linseed oil meal, cottonseed meal, corn gluten feed, wheat bran, 1% salt, ground and bolted grain screenings, corn feed meal, molasses, 1% calcium carbonate.	As certified, -----	7067		
					Corn gluten feed, brewers' dried grains, wheat bran, wheat middlings, linseed oil meal, cottonseed meal, soy bean oil meal, ground oats, molasses, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, -----	7047		

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	DIXIE MILLS CO., EAST ST. LOUIS, ILL.				
5963	Dixie Cow Feed, -----	Jefferson Grain & Feed Co., Jefferson.	10.50	25.63	24.00
6036	Dixie Cow Feed, -----	Woodlawn Flour & Feed Co., Woodlawn.	9.58	26.06	24.00
	THE DUNHAM MILLS, WELLSBORO, PA.				
6786	Tyoga Brand Dairy Ration, -----	The Dunham Mills, Wellsboro.	8.40	24.31	24.00
	EASTERN STATES FARMERS EX- CHANGE, SPRINGFIELD, MASS.				
6666	Eastern States Fulpail Dairy Ration, --	Franeis McClure, Lansdale,--	8.87	20.13	20.00
	JOHN W. ESHelman & SONS, LANCASTER, PA.				
6041	Eshelman's Golden Rod Dairy Feed, ---	C. B. Rutter, Lansford, ----	9.81	24.94	25.00
	Eshelman's Lancaster 20% Dairy Feed,	John Greenleaf, Quarryville,	9.27	21.94	20.00
6299	Eshelman's Lancaster 20% Dairy Feed,	Passmore Supply Co., Avondale.	9.47	20.25	20.00
6674	Eshelman's Lancaster 20% Dairy Feed,				

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
5.22	4.30	9.41	11.00	\$ 50.00	Corn gluten feed, cottonseed meal, ground alfalfa, hominy feed, old process linseed oil meal, molasses, 1% salt.	As certified, ----- 5963
5.00	4.30	9.47	11.00	2.90		As certified, ----- 6036
5.27	5.50	8.88	9.00	50.00	Ground oats, buckwheat middlings, brewers' grains, cottonseed meal, oil meal, bran, wheat middlings, gluten, corn meal (or hominy), salt.	Found also ground buckwheat. Hominy feed present. 6786
4.09	4.00	7.58	8.00	56.00	Corn gluten feed, choice yellow hominy, old process linseed oil meal—pure, E. S. pure ground oats, standard wheat bran, E. S. choice cottonseed meal, standard wheat middlings, molasses, steamed bone meal, calcium carbonate, salt.	As certified, ----- 6666
5.31	5.00	9.23	11.00	2.90	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut oil meal, cottonseed meal, O. P. oil meal, ground oats, $\frac{1}{2}$ of 1% calcium carbonate, and $\frac{1}{2}$ of 1% salt, corn feed meal and $\frac{1}{2}$ of 1% bone meal.	As certified, ----- 6041
5.57	4.00	9.85	11.00	-----	Wheat bran, corn feed meal, ground oats, wheat middlings, cocoanut oil meal, cane molasses, corn gluten feed, reground grain screenings from wheat, $\frac{3}{4}$ % bone meal, dried brewers' grains, cottonseed meal, O. P. oil meal, $\frac{3}{4}$ % calcium carbonate, $\frac{1}{2}$ % salt.	As certified, ----- 6209
5.67	4.00	10.45	11.00	\$ 51.00	Wheat bran, corn gluten feed, wheat middlings, dried brewers' grains, cane molasses, cottonseed meal, cocoanut oil meal, O. P. oil meal, reground grain screenings from wheat, $\frac{3}{4}$ % calcium carbonate, $\frac{1}{2}$ % salt.	As certified, ----- 6674

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7013	Eshelman's Pennsy 16% Dairy Feed, ---	M. E. Herr, Schuyler, -----	% 8.89	% 19.00	% 16.00
7012	Eshelman's Red Rose 24% Dairy Feed,---	M. E. Herr, Schuyler, -----	10.05	24.06	24.00
6675	Eshelman's Red Rose 24% Dairy Feed,	Passmore Supply Co., Avondale.	9.30	23.56	24.00
6042	Eshelman's Red Rose 24% Dairy Feed,	C. B. Rutter, Lansford, ----	11.11	23.13	24.00
FARMERS SYNDICATE, INC., CORTLAND, N. Y.					
6716	Farmer's Syndicate 24% Efficiency Ration.	Perfection Roller Mills, Mainville.	10.61	24.75	24.00
6714	Holstein Special 20% Dairy Ration, ----	Perfection Roller Mills, Mainville.	8.80	21.00	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.71	3.00	9.57	11.00	2.30	Corn gluten feed, dried brewers' grains, cottonseed meal, soy bean meal, cane molasses, cocoanut oil meal, O. P. oil meal, wheat middlings, wheat bran, oatmeal mill by-product (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, -----	7013
3.24	4.00	7.32	11.00	2.80	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut oil meal, cottonseed meal, O. P. oil meal, soy bean meal, cane molasses, corn feed meal, ground oats, ground grain screenings from wheat, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, -----	7012
5.05	4.00	9.60	11.00	55.00	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut oil meal, cottonseed meal, O. P. oil meal, cane molasses, reground grain screenings from wheat, $\frac{1}{2}$ of 1% bone meal, $\frac{1}{2}$ of 1% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	6675
4.59	4.00	7.93	11.00	2.75	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut oil meal, cottonseed meal, O. P. oil meal, cane molasses, corn feed meal, ground oats, reground grain screenings from wheat, $\frac{1}{2}$ of 1% bone meal, $\frac{1}{2}$ of 1% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	6042
3.84	4.00	7.30	9.00	2.90	Old process linseed oil meal, corn gluten feed, corn gluten meal, corn distillers' dried grains, cottonseed meal, bean meal, buckwheat feed, hominy feed, wheat bran, wheat middlings (may contain mill run screenings), molasses, salt, calcium carbonate.	As certified, -----	6716
4.91	4.00	7.28	8.50	2.90	Cottonseed meal, old process linseed oil meal, corn gluten feed, corn gluten meal, wheat bran, wheat middlings (may contain mill run screenings), hominy feed, salt, calcium carbonate.	As certified, -----	6714

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6715	Holstein Special 20% Dairy Ration with Molasses.	Perfection Roller Mills, Mainville.	11.33	20.69	20.00
	D. H. GRANDIN MILLING COMPANY, JAMESTOWN, N. Y.				
6100	Milk Maker, -----	A. T. Sprinkle, DuBois, -----	11.08	21.25	20.00
	HALES & HUNTER CO., CHICAGO, ILL.				
7008	Gold Flake Dairy Feed, -----	Ellis Flour & Feed Mills, Latrobe.	10.41	18.38	16.00
	Mineralized H and H Dairy Rations, ---	Ellis Flour & Feed Mills, Latrobe.	10.14	22.13	20.60
	HESPENHEIDE & THOMPSON, YORK, PA.				
6919	Premier 20% Dairy Feed, -----	Gibbs Milling Co., Nanticoke.	9.16	20.31	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.93	3.50	6.24	8.00	\$ 2.90	Cottonseed meal, old process linseed oil meal, corn gluten feed, corn gluten meal, wheat bran, wheat middlings (may contain mill run screenings), hominy feed, salt, calcium carbonate, molasses.	As certified, -----	6715
5.67	5.00	8.15	12.00	2.75	Linseed meal, cottonseed meal, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, beet pulp, $\frac{1}{2}$ of 1% salt, wheat bran, wheat middlings may contain ground screenings not exceeding mill run.	As certified, -----	6100
2.93	3.50	9.14	12.00	2.25	Cottonseed meal, corn gluten feed, linseed oil meal, molasses, clipped oat by-product, ground and bolted screenings from wheat, barley, and Kafir corn, and salt.	As certified, -----	7008
3.32	4.00	7.79	8.00	2.50	Corn feed meal, ground barley, ground oats, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, molasses, calcium carbonate, rock phosphate, salt, steamed bone meal, charcoal, magnesium sulphate, calcium iodide.	As certified, -----	7069
4.00	4.00	12.05	12.00	52.00	Cottonseed meal, corn gluten feed, wheat bran, brewers' dried grains, cane molasses, O. P. oil meal, alfalfa meal, oat meal by-products (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, 1% calcium carbonate, 1% bone meal, 1% salt.	As certified, -----	6919

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	INTERNATIONAL SUGAR FEED CO., MINNEAPOLIS, MINN.				
6146	International Special Dairy Feed, -----	S. E. Rumpf, New Milford,--	11.87	15.31	15.00
	KASCO MILLS, INC., WAVERLY, N. Y.				
6419	Beatsall Milk Grains, -----	W. E. Cline, Export, -----	9.22	23.94	22.00
6770	Beatsall Milk Grains, -----	N. G. Eachus, Downingtown,	10.68	22.88	22.00
6230	Beatsall Milk Grains, -----	Edwards Brothers, Byer, --	11.29	23.44	22.00
6229	Erie Dairy Rations, -----	Edwards Brothers, Byer, -----	11.95	17.25	16.00
7050	Erie Dairy Rations, -----	Keystone Flour & Feed Co., Punxsutawney.	9.64	18.44	16.00
6773	Erie Dairy Rations, -----	Richards & Sehrader, Ward,	11.28	16.19	16.00
	Heavyflow Dairy Rations, -----	Edwards Brothers, Byer, ---	12.34	25.00	24.00
	H. J. KLINGLER & CO., BUTLER, PA.				
6859	Klingler's A No. 1 Dairy Ration, -----	H. J. Klingler & Co., Butler.	10.81	17.75	20.00
	THE LARROWE MILLING CO., DETROIT, MICH.				
7101	Larro The Ready Ration for Dairy Cows.	H. L. Garrison & Brother, Berwick.	7.67	20.94	20.00
6127	Larro The Ready Ration for Dairy Cows.	Hetrick & Wilson, Indiana,	9.66	21.69	20.00
6163	Larro The Ready Ration for Dairy Cows.	John Laehman Co., Brad-dock.	7.20	21.50	20.00
6677	Larro The Ready Ration for Dairy Cows.	Shortledge Brothers, West Grove.	10.07	20.63	20.00
7180	Larro The Ready Ration for Dairy Cows.	Tyrone Milling Co., Tyrone,	8.91	21.75	20.00
6339	Larro The Ready Ration for Dairy Cows.	Walker Brothers, Chambersburg.	9.47	21.38	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber Guaranteed	Fiber Found	Fiber Guaranteed	Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
5.71	4.50	12.06	12.00	44.00	O. P. linseed oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, ground and bolted screenings from flax, wheat, oats and barley, 2% mineral mixture (composed of 2 parts salt, 1 part calcium carbonate, 1 part bone meal).	As certified, -----	6146
5.25	4.50	8.37	10.00	2.50	Wheat middlings, wheat bran, O. P. linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt, dried beet pulp, calcium carbonate.	As certified, -----	6419
4.65	4.50	8.50	10.00	58.00		As certified, -----	6770
5.12	4.50	7.22	10.00	2.75		As certified, -----	6230
3.79	3.50	13.93	12.00	2.20	Wheat bran, O. P. linseed oil meal, corn feed meal, Burts cereal feed (wheat and wheat bran processed), cottonseed meal, ground grain screenings, oat meal by-products (oat middlings, oat hulls, oat shorts), molasses, 1% salt, calcium carbonate.	As certified, -----	6229
4.10	3.50	12.55	12.00	2.50		Found also small amount unground weed seeds.	7050
3.50	3.50	13.56	12.00	47.00		As certified, -----	6773
4.40	4.00	11.19	12.00	2.75	Wheat bran, brewers' grains, O. P. linseed oil meal, Burts cereal wheat feed, corn gluten feed, corn feed meal, ground oats, molasses, $\frac{1}{2}$ of 1% salt, 1% calcium carbonate, cottonseed meal.	As certified, -----	6231
5.27	5.00	8.27	12.00	-----	Linseed oil meal, cottonseed meal, cocoanut oil meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, beet pulp, $\frac{1}{2}$ of 1% salt. Wheat bran, wheat middlings may contain ground screenings not exceeding mill run.	As certified, -----	6859
4.28	4.00	10.95	12.00	2.80	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ % salt.	As certified, -----	7101
4.27	4.00	10.40	12.00	2.80		As certified, -----	6127
4.15	4.00	9.93	12.00	55.00		As certified, -----	6163
4.30	4.00	10.45	12.00	60.00		As certified, -----	6677
4.31	4.00	10.05	12.00	57.00		As certified, -----	7180
4.43	4.00	9.63	12.00	-----		As certified, -----	6339

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6613	LAUREL PARK MILLS, MILLMONT, PA.	Mazeppa Milling Co., Lewisburg.	9.05	17.19	20.00
6882	Yagel's Dairy Feed, -----  LYCOMING MILLS, WILLIAMS- PORT, PA.	Lycoming Mills, Williams- port.	9.06	24.50	24.00
7119	Dairy Feed, -----  MARITIME MILLING CO., INC., BUFFALO, N. Y.	S. E. Seidel, Hamburg, -----	7.57	25.44	24.00
6023	Bull Brand Dairy Ration, -----  Bull Brand Dairy Ration Sweetened, --	Henry Gass Sons, Reading,--	9.20	25.69	24.00
6566	Bull Brand Dairy Ration Sweetened, --	Geo. M. Witmers Sons, Se- linsgrov.	9.62	25.19	24.00
6754	Marmieo 16% Protein Dairy Feed with Molasses.	Wm. K. Loos, Schuylkill Ha- ven.	10.79	16.88	16.00
6708	R. C. MEEK ESTATE, ALLENWOOD, PA.	R. C. Meek Estate, Allen- wood.	8.86	24.00	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
4.44	5.25	12.61	8.95	\$ 2.55	41% cottonseed meal, old process linseed meal, choice gluten, bran, middlings, ear corn and oats chop, 1½% salt.	As certified, ----- 6613
4.64	4.50	8.84	8.50	52.00	Corn gluten feed, wheat bran, wheat middlings (with mill run of screenings), old process linseed oil meal, cottonseed meal and salt.	As certified, ----- 6882
4.82	5.50	9.50	12.00	55.00	Dried brewers' grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, corn gluten meal, wheat bran, wheat middlings, calcium carbonate, steamed bone meal, ¼ of 1% salt. Wheat bran and wheat middlings may contain ground screenings not exceeding mill run.	Found also screenings exceeding mill run. 7119
4.73	5.50	8.44	12.00	2.50	Dried brewers' grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, corn gluten meal, wheat bran, wheat middlings, molasses, calcium carbonate, steamed bone meal, ¼ of 1% salt.	As certified, ----- 6023
4.33	5.50	8.44	12.00	2.90		As certified, ----- 6566
5.48	4.00	11.94	12.00	2.50	Corn gluten feed, cottonseed meal, linseed oil meal, brewers' dried grains, wheat bran, oat hulls, oat shorts, oat middlings, cleaned pulverized and bolted screenings, molasses, calcium carbonate, bone meal and salt.	Found also small amount unground weed seed and flax plant by-product. 6754
4.78	3.50	8.36	12.00	2.70	Cottonseed meal, linseed oil meal, corn gluten feed, brewers' dried grains, wheat bran and wheat middlings (may contain mill run of ground screenings) and salt, molasses.	As certified, ----- 6708

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	Mitchell Milling Co., Clearfield, Pa.				
6939	Dairy Ration, -----	Mitchell Milling Co., Clearfield.	% 8.65	% 24.81	% 24.00
	Nowak Milling Corporation, Buffalo, N. Y.				
6184	Cream-O-Lene Dairy Feed, -----	A. P. Berg, Versailles, -----	11.80	24.75	24.00
	Domino Butterine Dairy Feed, -----	H. Schmaltz & Co., Kennett Square.	8.57	17.00	17.00
	Fidelity Dairy Feed, -----	A. P. Berg, Versailles, -----	10.87	22.75	20.00
	P. J. Oesterling & Son, Inc., Butler, Pa.				
6857	Pennsylvania State Farmers Dairy Rations, Arrow Brand.	P. J. Oesterling & Son, Inc., Butler.	9.60	22.44	20.00
	The Park & Pollard Company, Buffalo, N. Y.				
6110	Milk Maid Sweetened Dairy Feed, -----	Union Roller Mills, Hamburg.	10.24	25.25	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 5.11	Guaranteed % 5.00	Fat		Fiber		Price per ton or cwt. \$ 3.40	Certified Composition	Identified by Micro- scopic Examination	Chemist's number
		Found % 8.58	Guaranteed % 9.00	Found % 9.31	Guaranteed % 12.00				
4.70	4.50	9.31	12.00	42.65	Cottonseed meal, corn gluten meal, corn gluten feed, brewers' dried grains, yeast grains (from barley, malt, corn, malt sprouts and oat meal), old process linseed oil meal, $\frac{3}{4}$ of 1% salt, 2% calcium carbonate, molasses, ground corn, sifted grain screenings.	As certified, -----	6939		
5.52	4.00	12.77	12.00	51.00	Cottonseed meal, corn gluten feed, brewers' dried grains, yeast grains from (barley malt, corn malt sprouts and oat malt), old process linseed oil meal, $\frac{3}{4}$ of 1% salt, 2% calcium carbonate, ground and bolted grain screenings, molasses.	As certified, -----	6668		
4.93	4.00	8.45	11.00	50.00	Cottonseed meal, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, $\frac{3}{4}$ of 1% salt, calcium carbonate and beet pulp.	As certified, -----	6185		
4.56	4.00	9.27	12.00	2.80	Gluten feed, choice beet pulp, wheat bran, wheat middlings, choice cottonseed meal, O. P. oil meal and $\frac{1}{2}\%$ salt. Bran and middlings may contain ground grain screenings not exceeding mill run.	As certified, -----	6857		
4.93	4.50	7.68	11.00	2.65	Corn gluten feed, linseed oil meal, cottonseed meal, distillers' dried grains, wheat bran (may contain mill run of screenings), brewers' dried grains, malt sprouts, corn gluten meal, copra oil meal, ground oats, ground barley, corn meal, fish meal, molasses, calcium carbonate and salt.	As certified, -----	6110		

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6772	Overall 24% Dairy Ration, -----	Harvey Detwiler, Chester Springs.	10.65	24.75	24.00
6756	24% Dairy Ration, -----	Big Run Milling Co., Big Run.	8.57	24.69	24.00
	PHELPS & SIBLEY CO., INC., CUBA, N. Y.				
6978	Tofor Dairy Ration, -----	Port Allegany Milling Co., Port Allegany.	8.95	24.69	24.00
	POLO MILLS CO., EAST ST. LOUIS, ILL.				
5965	Big Flo Dairy Ration, -----	Jefferson Grain & Feed Co., Jefferson.	11.24	24.69	24.00
6971	Big Flo Dairy Ration, -----	Woodlawn Flour & Feed, Woodlawn.	8.66	26.66	24.0
	PRATT FOOD COMPANY, PHILADELPHIA, PA.				
6065	Pratt's 16% Sweet Molasses Dairy Ration.	A. C. Myers, Lock Haven,--	9.33	17.06	16.00
6165	Pratt's Supreme Dairy Ration, -----	John Lachman Co., Brad-dock.	10.49	20.50	20.00
6066	Pratt's 24% Dairy Feed, -----	A. C. Myers, Lock Haven,	6.98	24.69	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found	Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
4.57	4.50	8.02	9.00	59.00	Corn gluten feed, linseed oil meal, cottonseed meal, distillers' dried grains, wheat bran, wheat middlings (may contain mill run of screenings), corn gluten meal, hominy feed, calcium carbonate and salt.	Found also glumes from corn cob.	6772	
4.16	4.00	8.61	9.00	3.25	Corn gluten feed, linseed oil meal, cottonseed meal, distillers' dried grains, wheat bran (may contain mill run of screenings), brewers' dried grains, fine ground grain screenings, malt sprouts, corn gluten meal, copra oil meal, corn meal, molasses, calcium carbonate and salt.	As certified, -----	6756	
4.17	4.00	9.91	10.00	2.50	Wheat bran and wheat middlings with ground screenings not exceeding mill run, malt sprouts, dried brewers' grains, cottonseed meal, O. P. linseed meal, corn feed meal, corn gluten feed, ground oats and not to exceed 1% each salt, steam bone meal and ground limestone.	As certified, -----	6978	
4.19	4.50	8.90	10.00	50.00	Corn gluten feed, old process linseed oil meal, dried brewers' grains, cottonseed meal, corn feed meal, ground oats, wheat bran, molasses, 1% salt, 1% calcium carbonate, 1% bone meal.	As certified, -----	5965	
4.31	4.50	8.83	10.00	2.90		Bone meal not detected,	6971	
3.50	4.00	12.73	14.00	44.00	Cottonseed meal, O. P. linseed oil meal, gluten feed, ground grain screenings from wheat, oat shorts, oat middlings, oat hulls, molasses, calcium carbonate 1%, calcium phosphate 3% of 1%, iodized salt 1%.	As certified, -----	6065	
5.17	4.00	8.23	11.50	54.00	Dried beet pulp, wheat bran, wheat middlings, O. P. linseed oil meal, corn gluten feed, corn feed meal, cottonseed meal, cocoanut oil meal, 1% salt.	As certified, -----	6165	
5.47	4.50	8.81	9.00	56.00	Corn gluten feed, brewers' dried grains, wheat bran, hominy feed, cottonseed meal, corn meal, wheat middlings, linseed oil meal, corn distillers' grains, steamed bone meal, calcium carbonate, iodized salt 1%.	As certified, -----	6066	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6164	Pratt's XXX Supreme Dairy Ration, --	John Lackman, Braddock,--	% 9.05	% 24.00	% 24.00
7149	Pratt's Victory Dairy Ration, -----	G. Bostert & Sons, Johnstown.	8.98	17.19	16.00
THE QUAKER OATS CO., CHICAGO, ILL.					
6728	Quaker Big Q 20% Protein Dairy Ration.	Ash Brothers, Briar Creek,--	9.97	20.63	20.00
6028	Quaker Big Q 20% Protein Dairy Ration.	David R. Diehl, Weissport,	7.91	22.00	20.00
6328	Quaker Big Q 20% Protein Dairy Ration.	D. W. Foust & Sons, Chambersburg.	10.62	20.69	20.00
6475	Quaker Big Q 20% Protein Dairy Ration.	W. J. Haig, Gallitzin, -----	9.35	20.31	20.00
6483	Quaker Big Q 20% Protein Dairy Ration.	Carl E. Rohm, Breezewood,	8.73	20.31	20.00
6768	Quaker Boss 24% Protein Dairy Ration,	Chester Feed Store, Chester,	11.60	24.38	24.00
6746	Quaker Boss 24% Protein Dairy Ration,	Jalappa Grain Elevator, Pottsville.	7.74	23.88	24.00
7159	Quaker Boss 24% Protein Dairy Ration,	W. W. Lauderburn, Weissport.	8.96	24.56	24.00
6412	Quaker Boss 24% Protein Dairy Ration,	C. J. Shuster, Delmont, ----	9.67	24.75	24.00
6974	Quaker 16% Protein Dairy Ration, ----	Beekerstaff-Todd, New Sheffield.	9.51	16.19	16.00
QUISENBERRY FEED MANUFACTURING CO., BUFFALO, N. Y.					
6988	Quisenberry Quality Creamery Feed, --	S. M. Griffith, Rossiter, ---	9.03	24.88	25.00
7044	Quisenberry Quality Creamery Feed, --	Kiser Feed Co., Grampion,--	7.70	23.81	25.00
6516	Quisenberry Quality Creamery Feed, --	H. B. Low & Son, Orangeville.	8.28	26.06	25.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Guaranteed	Found				
5.32	4.00	9.57	10.50	\$ 55.00	Cottonseed meal, O. P. linseed oil meal, corn gluten feed, brewers' grains, wheat bran, wheat middlings, coconut oil meal, 1% salt.	As certified, ----- 6164
4.38	4.00	8.58	10.50	\$ 50.00	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, ground grain screenings from wheat, 1% iodized salt.	Found also ground buckwheat and barley. 7149
3.42	3.25	11.04	12.00	2.80	Hominy feed, yellow hominy feed, barley meal, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 6728
3.77	3.25	9.51	12.00	48.00	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 6028
3.85	3.25	10.79	12.00	-----	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 6328
3.90	3.25	10.44	12.00	55.00	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 6475
3.95	3.25	10.77	12.00	2.65	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 6483
5.02	4.00	9.82	10.50	62.00	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	Found also malt sprouts. 6768
5.11	4.00	10.16	10.50	3.10	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 6746
4.35	4.00	8.94	10.50	52.00	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 7159
4.63	4.00	9.27	10.50	2.60	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, ----- 6412
3.15	4.00	11.44	12.00	2.50	Hominy feed, yellow hominy feed, cottonseed meal, linseed meal, gluten feed, wheat bran, wheat middlings, ground grain screenings from wheat, oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	Bone meal and salt not detected. 6974
5.18	5.00	9.86	10.00	3.00	Dried brewers' grains, distillers' grain, corn gluten feed, O. P. oil meal, hominy feed, wheat middlings, wheat bran, cottonseed meal, corn meal, calcium carbonate, not more than 1% fine salt, 1% charcoal.	As certified, ----- 6988
5.35	5.00	10.23	10.00	2.75		As certified, ----- 7044
5.03	5.00	9.00	10.00	3.00		As certified, ----- 6516

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6515	Quisenberry Quality Favorite Dairy Feed with Molasses.	H. B. Low & Son, Orangeville.	9.48	14.63	16.50
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
7161	Proteina Dairy Feed, -----	Henry A. Smith, Lehighton,	9.37	19.25	16.50
6121	Purina Blue Checker 20% Cow Chow Feed.	Thomas K. George, Homer City.	7.70	21.75	20.00
7069	Purina Blue Checker 20% Cow Chow Feed.	Sterling Feed Co., Butler, --	9.59	23.38	20.00
6903	Purina Buffalo Green Checker 24% Cow Chow Feed.	C. H. Lenhart, West Leesport.	10.25	24.81	24.00
7038	Purina Buffalo Green Checker 24% Cow Chow Feed.	R. A. Smith Milling Co., Northampton.	8.13	26.25	24.00
7142	Purina Buffalo Green Checker 24% Cow Chow Feed.	A. F. Stutzman & Son, Johnstown.	8.35	25.25	24.00
6199	Purina Cow Chow Feed, -----	Knabe Brothers, Turtle Creek.	11.70	27.00	24.00
6620	Purina Cow Chow Feed, -----	Ridgway Grist Mills, Ridgway.	9.77	25.31	24.00
6077	Purina Cow Chow Feed, -----	Tri-County Wholesale, Barnesboro.	11.55	26.25	24.00
6243	Purina Red Checker 34% Cow Chow Feed.	Farmers' Exchange, Indiana,	9.96	33.88	34.00
7023	Purina Red Checker 34% Cow Chow Feed.	Ralph Fuller, Turbotville, --	8.42	34.75	34.00
	RICHARDS & EVANS CO., CORTLAND, OHIO				
6813	Richard's 24% Dairy Feed, -----	Gates Granary, Kittanning,	9.08	23.63	24.00
7135	Richard's 24% Dairy Feed, -----	Leap Brothers, Lilly, -----	8.30	24.56	24.00
6105	Richard's 24% Dairy Feed, -----	H. J. Mullaney & Son, DuBois.	10.24	23.94	24.00
	SEES MILLING CO., INC., WILLIAMSPORT, PA.				
6086	Our Leader Dairy Ration, -----	Sees Milling Co., Inc., Williamsport.	10.32	20.88	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat % Found	Fiber % Guaranteed	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Guaranteed	Found	Guaranteed	Found				
3.38	4.00	15.19	12.00	\$ 2.35	Cottonseed meal, corn gluten feed, brewers' dried grains, yeast grains (from barley, malt, corn, malt sprouts and oat malt), old process linseed oil meal, wheat bran, $\frac{1}{2}$ of 1% salt, 2% calcium carbonate, molasses, ground and bolted grain screenings.	Found also flax plant by-product and oatmeal mill by-product.	6515
3.55	3.50	10.14	12.00	48.00	Cottonseed meal, corn gluten feed, oat meal mill by-products (oat middlings, oat hulls, oat shorts), ground wheat screenings, wheat middlings, molasses, 1% salt.	As certified, -----	7161
4.33	3.20	10.28	12.00	2.80	Linseed meal, corn gluten feed, hominy feed, cottonseed meal, corn feed meal, molasses, ground alfalfa, wheat middlings, 1% salt.	As certified, -----	6121
3.45	3.20	9.78	12.00	2.95	Linseed meal, corn gluten feed, corn meal, molasses, cottonseed meal, alfalfa meal, wheat middlings, 1% salt.	As certified, -----	7069
3.49	2.30	9.50	12.00	3.00	Linseed meal, corn gluten feed, cottonseed meal, wheat middlings, wheat bran, hominy feed, corn feed meal, alfalfa meal, molasses, 1% salt.	As certified, -----	6903
2.92	2.30	9.14	12.00	58.00	As certified, -----	7038	
4.37	3.20	10.39	12.00	3.00	As certified, -----	7142	
4.31	4.00	10.61	12.00	65.00	As certified, -----	6199	
4.48	4.00	11.54	12.00	3.00	As certified, -----	6620	
4.38	4.00	11.12	12.00	57.00	As certified, -----	6077	
4.91	3.50	9.61	12.00	3.10	As certified, -----	6243	
3.15	3.50	7.71	12.00	3.00	Linseed meal, corn gluten meal, cottonseed meal, alfalfa meal, molasses, 1% salt.	As certified, -----	7023
5.30	4.50	7.93	10.00	3.00	Wheat bran, wheat middlings, cottonseed meal, linseed oil meal, corn gluten feed, corn feed meal, bone meal, salt, cocoanut oil meal.	As certified, -----	6813
4.80	4.50	6.56	10.00	58.00	As certified, -----	7135	
6.00	4.50	6.91	10.00	2.60	As certified, -----	6105	
3.89	5.00	7.48	10.00	52.00	Corn distillers' dried grains, dried brewers' grains, old process oil meal, corn gluten feed, cottonseed meal, corn gluten meal, wheat middlings, corn feed meal, our own make of wheat bran, salt.	Found also malt sprouts.	6086

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	C. R. THOMPSON & SON, GETTYSBURG, PA.				
6344	Thompson's Special Dairy Feed, -----	C. R. Thompson & Son, Gettysburg.	% 9.44	% 26.50	% 24.00
	TIOGA-EMPIRE FEED MILLS, INC. WAVERLY, N. Y.				
7030	E-Gee Dairy Feed, -----	Davenport Mills, Bloomsburg.	7.89	23.75	20.00
6052	Never Fail Dairy Feed, -----	R. F. Swartz, Bowmantown,	9.90	26.31	24.00
6214	Never Fail Dairy Feed, -----	Wayne Milling Co., Honesdale.	7.77	25.88	24.00
6673	Or-Co High Grade Sweet Feed, -----	Fisher & Son, Malvern, ---	10.53	18.06	15.00
6529	Red Brand Ti-O-Ga Dairy Feed, -----	Neil S. Harrison, Forks, --	9.24	24.19	24.00
6315	Sweet Neverfail Dairy Feed, -----	R. F. Swartz, Bowmanstown.	6.75	26.88	24.00
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO				
7003	Armada Dairy Feed, -----	J. Harvey Miller, Ligonier, --	10.32	17.63	16.00
6624	Armada Dairy Feed, -----	Smith Brothers, Ridgway, --	9.55	16.31	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Guaranteed	Found				
5.42	5.00	9.42	10.00	\$52.00	Linseed oil meal, wheat bran, cottonseed meal, wheat middlings, corn gluten feed, 1% salt, dried brewers' grains.	As certified, ----- 6344
4.32	3.50	7.85	10.00	2.70	Wheat bran, cottonseed meal, corn gluten feed, cane molasses, malt sprouts, cocoanut oil meal, brewers' grains, wheat middlings, cocoa oil meal, linseed oil meal peanut oil meal, salt, iodine, phosphate of lime, charcoal, $\frac{3}{10}$ of 1% blood flour.	As certified, ----- 7030
5.24	5.00	8.40	10.00	2.85	Corn distillers' grains, cottonseed meal, linseed oil meal, corn gluten feed, brewers' grains, wheat bran, wheat middlings, corn meal, calcium phosphate, salt.	As certified, ----- 6052
5.89	5.00	8.91	10.00	48.00		As certified, ----- 6214
3.86	3.50	9.15	10.00	-----	Cottonseed meal, ground grain screenings, salvaged mixed feeds, corn gluten feed, wheat bran, cane molasses, malt sprouts, salt 1%, peanut oil meal.	As certified, ----- 6673
5.12	5.00	8.26	10.00	2.85	Malt grains, cane molasses, cocoanut oil meal, wheat bran, cottonseed meal, corn gluten feed, wheat middlings, linseed oil meal, peanut oil meal, salt 1%.	Found also malt sprouts. 6529
5.46	5.00	7.80	10.00	2.85	Linseed oil meal, corn gluten feed, cottonseed meal, wheat bran, wheat middlings, brewers' grains, cocoanut oil meal, cocoa oil meal, peanut oil meal, cane molasses, salt and phosphate of lime.	As certified, ----- 6315
5.47	4.00	9.55	12.00	2.65	Corn, wheat bran, wheat middlings, O. P. linseed oil meal, cottonseed meal, ground cleaned screenings, oat meal mill by-products (oat middlings, oat shorts, oat hulls), molasses, $\frac{1}{2}$ of 1% salt.	Found also small amount unground weed seeds. 7003
6.44	4.00	11.01	12.00	3.00	Corn, wheat bran, wheat middlings, O. P. linseed oil meal, cottonseed meal, fine ground oats, ground cleaned screenings, oatmeal mill by-products (oat middlings, oat shorts, oat hulls), molasses and $\frac{1}{2}$ of 1% salt.	Found also buckwheat (ground), flax plant by-product and small amount unground weed seeds. 6624

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7064	Camp's Cloverdale Dairy Ration, -----	Monaca Roller Mills, Monaca,	% 8.77	% 21.19	% 20.00
6820	Camp's Cloverdale Dairy Ration, -----	North & Rydbom, Glenn-Campbell.	7.68	22.50	20.00
6625	Camp's Cloverdale Dairy Ration, -----	Smith Brothers, Ridgway, --	9.54	20.63	20.00
6819	Red Ball Dairy Rations, -----	North & Rydbom, Glenn-Campbell.	8.09	24.69	24.00
THE UBIKO MILLING CO., CINCINNATI, OHIO					
6779	Fourex Dairy Ration, -----	A. R. Johnson, Wellsboro,--	12.75	17.75	16.50
6966	Fourex Dairy Ration, -----	A. M. Pitzer & Son, New Wilmington.	9.00	17.38	16.50
6778	Speciai Dairy Ration, -----	A. R. Johnson, Wellsboro,--	13.00	19.38	20.00
6780	Sunbeam Dairy Ration, -----	A. R. Johnson, Wellsboro,--	10.42	23.63	24.00
6796	Sunbeam Dairy Ration, -----	W. W. Kalb, Sunbury, ---	9.52	24.25	24.00
6064	Ubiko 32 Dairy Feed, -----	A. C. Myers, Lock Haven,--	7.43	31.13	32.00
6967	Ubiko 32 Dairy Feed, -----	A. M. Pitzer & Son, New Wilmington.	7.16	32.06	32.00
6781	Union Grains Ubiko Biles Ready Dairy Ration.	A. R. Johnson, Wellsboro,--	6.89	24.25	24.00
6790	Union Grains Ubiko Biles Ready Dairy Ration.	W. W. Kalb, Sunbury, -----	8.28	24.44	24.00
6991	Union Grains Ubiko Biles Ready Dairy Ration.	McFarland Supply Co., Greensburg.	8.31	24.19	24.00
6063	Union Grains Ubiko Biles Ready Dairy Ration.	A. C. Myers, Lock Haven,--	8.15	25.06	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
6.36	4.00	7.52	9.00	2.80	Corn meal, wheat bran, ground barley, ground oats, O. P. linseed oil meal, cottonseed meal, gluten feed, $\frac{1}{2}$ of 1% salt.	Found also ground and whole weed seeds.	7064
6.34	4.00	8.28	9.00	3.25		Found also small amount unground weed seeds.	6820
6.09	4.00	8.89	9.00	3.20		Found also flax plant by-product and small amount ground grain screenings.	6625
5.00	4.00	8.88	10.00	3.50	Corn, oats, barley, gluten feed, wheat bran, cottonseed meal, O. P. linseed oil meal, bone meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	6819
3.04	3.50	11.23	12.00	48.00	Choice cottonseed meal, corn gluten feed, corn meal, ground and bolted grain screenings, wheat bran, oat feed (oat hulls, oat shorts, oat middlings), molasses and salt.	As certified, -----	6779
2.81	3.50	11.06	12.00	2.40		Found also brewers' dried grains.	6966
3.27	4.50	8.64	10.00	52.00	Corn gluten feed, corn distillers' dried grains, O. P. linseed oil meal, choice cottonseed meal, standard wheat bran, hominy feed, ground oats, molasses, chemically pure calcium carbonate and salt.	As certified, -----	6778
4.03	4.00	10.04	12.00	54.00	Corn gluten feed, O. P. linseed meal, choice cottonseed meal, brewers' dried grains, standard wheat bran, standard wheat middlings, hominy meal, ground oats, molasses, 1% chemically pure calcium carbonate and $\frac{1}{2}$ salt.	As certified, -----	6780
4.06	4.00	9.75	12.00	2.75		As certified, -----	6796
5.41	5.50	9.66	10.00	58.00	Corn distillers' grains, brewers' grains, choice cottonseed meal, O. P. linseed meal, corn gluten feed, wheat bran, molasses, 1% chemically pure calcium carbonate and salt.	As certified, -----	6064
5.23	5.50	9.04	10.00	3.20		As certified, -----	6967
5.03	5.00	9.11	10.00	56.00	Corn distillers' dried grains, choice cottonseed meal, old process linseed meal, white wheat middlings.	As certified, -----	6781
5.22	5.00	9.26	10.00	3.00	winter wheat bran, hominy meal,	As certified, -----	6790
5.21	5.00	9.27	10.00	2.90	corn gluten feed, brewers' dried grains, 1% chemically pure calcium carbonate, $\frac{1}{2}$ fine table salt.	As certified, -----	6991
5.08	5.00	7.26	10.00	56.00		As certified, -----	6063

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	WADSWORTH FEED CO., WARREN, OHIO.				
6555	Wadfeeco Dairy Ration, -----	Hedge & Mikesell, Scenery Hill.	10.15	24.38	24.00
6234	Wadfeeco Dairy Ration, -----	George J. New's Sons, Blairstown.	11.68	24.38	24.00
6849	Wadfeeco Dairy Ration, -----	G. E. Rapp, Ellwood City,--	7.99	24.06	24.00
6235	Wadsworth Special Dairy Rations, ----	George J. New's Sons, Blairstown.	11.78	22.50	20.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
6057	Jumbo Dairy Feed, -----	E. E. Wentz, Lock Haven,--	11.33	17.69	16.00
6352	Jumbo Dairy Feed, -----	C. M. Wolf, Gettysburg, --	9.73	16.63	16.00
6960	Wayne Dairy Feed 20%, -----	Wm. Cornell & Son, Baggaley.	8.57	21.13	20.00
7166	Wayne Dairy Feed 20%, -----	Emerts Mill, Somerset, ---	9.63	21.63	20.00
6537	Wayne Dairy Feed 20%, -----	Jonestown Roller Mills, Orangeville.	8.97	21.31	20.00
6805	Wayne Dairy Feed 20%, -----	Mifflinburg Milling Co., Mifflinburg.	8.91	21.00	20.00
6777	Wayne Dairy Feed 20%, -----	J. R. Roberts, Glenmoore, --	11.40	21.00	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
4.22	% 5.00	% 9.97	% 8.00	\$ 54.00	Hi protein grains (a malted product of wheat and barley), oil meal, corn distillers' dried grains, gluten feed, cottonseed meal, corn meal, wheat bran, wheat middlings, calcium carbonate and salt.	As certified, -----	6555	
5.16	5.00	9.18	9.00	2.60	Hi protein grains (a malted product of wheat and barley), oil meal, corn distillers' dried grains, gluten feed, cottonseed meal, corn meal, wheat bran, wheat middlings, calcium carbonate and salt.	Salt not detected. Found also flax plant by-product and molasses.	6234	
4.79	5.00	10.85	9.00	2.75	Hi protein grains (a malted product of wheat and barley), oil meal, corn distillers' dried grains, gluten feed, cottonseed meal, corn meal, wheat bran, wheat middlings, calcium carbonate and salt.	As certified, -----	6849	
4.91	5.00	11.69	12.00	2.30	Hi protein grains (a malted product of wheat and barley), oil meal, corn distillers' dried grains, gluten feed, cottonseed meal, corn meal, wheat bran, cleaned grain screenings, molasses, calcium carbonate and salt, corn meal.	Found also oat meal mill by-product and flax plant by-product.	6235	
3.50	3.50	12.01	12.00	45.00	Malt sprouts, brewers' dried grains, wheat bran, cottonseed meal, linseed oil meal, corn feed meal, oat hulls, oat shorts, oat middlings, ground screenings from wheat, oats, barley and Kaffir, molasses, 1% salt, 1% bone meal.	As certified, -----	6057	
3.19	3.50	12.64	12.00	42.00	Malt sprouts, brewers' dried grains, wheat bran, cottonseed meal, linseed oil meal, corn feed meal, oat hulls, oat shorts, oat middlings, 1% salt, cane molasses, ground screenings from wheat, oats, barley and Kaffir.	As certified, -----	6352	
2.88	4.00	8.12	11.00	2.60	Malt sprouts, brewers' dried grains, corn gluten feed, corn feed meal, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, 1% salt, 1% bone meal (calcium phosphate), molasses.	As certified, -----	6960	
3.34	4.00	8.55	11.00	54.00	Malt sprouts, brewers' dried grains, corn gluten feed, corn feed meal, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, soya bean meal, 1% salt, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate), molasses.	Soya bean meal not detected.	7166	
3.53	4.00	7.96	11.00	2.70	Malt sprouts, brewers' dried grains, corn gluten feed, corn feed meal, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, 1% salt, 1% bone meal (calcium phosphate), molasses.	As certified, -----	6537	
3.25	4.00	8.13	11.00	2.90	Malt sprouts, brewers' dried grains, corn gluten feed, corn feed meal, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, 1% salt, 1% bone meal (calcium phosphate), molasses.	As certified, -----	6805	
3.74	4.00	8.24	11.00	-----	Malt sprouts, brewers' dried grains, corn gluten feed, corn feed meal, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, 1% salt, 1% bone meal (calcium phosphate), molasses.	As certified, -----	6777	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6094	Wayne Dairy Feed 24%, -----	Dairy Products Co., Clearfield.	% 9.51	% 24.44	% 24.00
6538	Wayne Dairy Feed 24%, -----	Jonestown Roller Mills, Orangeville.	8.11	26.56	24.00
6804	Wayne Dairy Feed 24%, -----	Mifflinburg Milling Co., Mifflinburg.	8.24	26.00	24.00
6776	Wayne Dairy Feed 24%, -----	J. Ralph Roberts, Glenmoore.	10.10	25.19	24.00
6056	Wayne Dairy Feed 24%, -----	E. E. Wentz, Lock Haven,	11.13	25.63	24.00
6807	Wayne 32% Farm Mix Dairy Ration, --	Mifflinburg Milling Co., Mifflinburg.	8.27	31.94	32.00
F. S. WERTZ & SON, READING, PA.					
6226	Faramel Dairy Feed, -----	F. S. Wertz & Son, Reading,	10.38	23.75	23.00
PROPRIETARY STOCK, HORSE AND MULE FEED					
THE AKRON FEED & MILLING CO., AKRON, OHIO					
6038	Portage Stock Feed, -----	Woodlawn Flour & Feed Co., Woodlawn.	11.46	8.94	8.00
ALFALFA FEED MILLS, CHAS. SCHALL'S SONS, PHILADELPHIA, PA.					
6432	Empire Horse Feed, -----	Chas. Schaal's Sons, Philadelphia.	15.17	6.45	5.50
6433	Mixer Feed, -----	Chas. Schaal's Sons, Philadelphia.	14.02	4.90	4.00
6434	Special Horse Feed, -----	Chas. Schaal's Sons, Philadelphia.	16.24	8.22	9.00
THE AMERICAN MILLING CO., OMAHA, NEB.					
6180	Ameo June Pasture Alfalfa and Molasses.	G. A. Schnelbach, Pittsburgh.	13.72	12.81	10.00
ARCADY FARMS MILLING CO., CHICAGO, ILL.					
6827	Aready Horse and Mule Feed, -----	A. S. Bowser, Kittanning, ..	13.97	11.89	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber Guaranteed	Fiber Found	Fiber Guaranteed	Price per ton or ewt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
4.00	4.00	9.40	11.00	2.75	Malt sprouts, brewers' dried grains, cocoanut oil meal, corn gluten feed, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, 1% salt, 1% bone meal (calcium phosphate), cane molasses.	As certified, -----	6094
3.90	4.00	8.67	11.00	2.85	Cottonseed meal, corn gluten meal, corn gluten feed, linseed oil meal, cocoanut oil meal, malt sprouts, brewers' dried grains, wheat bran, 1% salt, 1% bone meal (calcium phosphate), cane molasses.	As certified, -----	6338
3.83	4.00	8.79	11.00	3.10		As certified, -----	6804
3.83	4.00	9.14	11.00	-----		As certified, -----	6776
4.01	4.00	8.75	11.00	56.00	Cottonseed meal, corn gluten meal, corn gluten feed, linseed oil meal, cocoanut oil meal, malt sprouts, brewers' dried grains, wheat bran, 1% salt, 1% bone meal (calcium phosphate), cane molasses.	As certified, -----	6056
4.39	4.00	8.31	9.50	3.50		As certified, -----	6807
4.37	4.00	9.97	8.00	52.50	Linseed oil meal, gluten feed, brewers' dried grains, wheat bran, molasses, 1% salt and Oberco Mineral Mixture (bone charcoal, calcium sulphate, calcium phosphate, calcium carbonate, sodium chloride, potassium iodide).	As certified, -----	6226
3.27	3.00	8.83	12.00	2.50	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, and $\frac{1}{2}$ of 1% salt.	Yellow corn present, ---	6038
2.06	1.50	11.49	10.00	36.00	Cracked corn, crushed oats, clipped oat by-products, alfalfa meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	6432
1.24	2.00	13.40	12.00	26.00	Clipped oat by-products, molasses, $\frac{1}{2}$ of 1% salt.	Found also small amount of corn.	6433
3.24	3.00	8.65	10.00	43.00	Crushed oats, cracked corn, alfalfa meal, molasses and 1% salt.	Salt not detected, -----	6434
0.86	0.50	18.23	21.00	37.00	Choice alfalfa meal and beet molasses.	As certified, -----	6180
2.63	2.00	8.78	12.00	2.75	Cracked corn, crushed oats, alfalfa meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	6827

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7173	Already Stock Feed, -----	Johnstown Milling Co., Johnstown.	8.58	10.75	9.00
6362	Wonder Horse and Mule Feed, -----	Mahoning Valley Milling Co., Punxsutawney.	9.17	11.44	10.50
	J. J. BADENOCH CO., CHICAGO, ILL.				
6358	Circle Bee Steer Fatner, -----	E. S. Kelly, Gettysburg, --	12.00	13.69	12.00
6159	Gloskoat Horse Feed, -----	C. Beekert & Co., Pittsburgh.	13.15	11.83	8.00
6237	Velvet Stock Feed, -----	George J. New's Sons, Blairsville.	10.30	9.88	9.00
	A. F. BECK, PHILADELPHIA, PA.				
6452	Standard Feed, -----	A. F. Beck, Philadelphia, --	8.33	10.44	8.00
	H. BEIDLER & CO., PHILADELPHIA, PA.				
6438	Mecca Horse Feed, -----	H. Beidler & Co., Philadelphia.	13.99	8.39	5.00
6439	Trefoil Horse Feed, -----	H. Beidler & Co., Philadelphia.	16.37	7.43	5.00
	H. B. CASSEL & SON, PHILADELPHIA, PA.				
6437	Camo Horse Feed, -----	H. B. Cassel & Son, Philadelphia.	15.03	7.07	7.00
6436	Cassel's 85% Horse Feed, -----	H. B. Cassel & Son, Philadelphia.	13.71	9.12	9.00
6435	Omac Horse Feed, -----	H. B. Cassel & Son, Philadelphia.	16.69	7.43	9.00
	JOSEPH CRIST, PHILADELPHIA, PA.				
6486	Victory Horse Feed, -----	Joseph Christ, Philadelphia,	6.48	11.19	10.94

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
3.67	3.50	11.42	12.00	\$ 2.30	Wheat middlings, hominy feed, corn feed meal, oat meal mill by-product (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, ----- 7173
3.82	3.00	9.16	10.00	2.75	Crushed corn, crushed oats, old process linseed oil meal, alfalfa meal, molasses and $\frac{1}{2}$ of 1% salt.	Salt not detected. ----- 6362
5.26	3.50	9.17	9.00	44.00	Gluten feed, wheat middlings, cleaned ground, bolted wheat screenings, cotton-seed meal, linseed oil meal—O. P., calcium carbonate from limestone 1%, salt 1%.	Found also small amount whole small whole weed seeds. 6358
1.93	1.50	11.21	15.00	45.00	Cracked corn, crushed oats, alfalfa meal, molasses and salt.	As certified, ----- 6159
3.78	3.00	10.39	12.00	2.25	Ground oats, ground barley, corn feed meal, wheat middlings, oat middlings, oat shorts, oat hulls, calcium carbonate from limestone and salt.	Barley not detected, --- 6237
3.48	2.00	8.75	12.00	2.00	Cut hay, bran, cracked corn, oats, clipped oat by-products, $\frac{1}{2}$ of 1% salt, molasses.	Found also barley and large amount weed seeds identified as wild oats. 6452
2.62	1.00	9.18	20.00	44.00	Cracked corn, oats, alfalfa meal and molasses.	As certified, ----- 6438
2.67	1.00	8.06	12.10	39.00	Cracked corn, rolled mill oats, cut hay, alfalfa meal, cane molasses.	As certified, ----- 6439
2.20	1.50	9.84	12.00	40.00	Cracked corn, crushed oats, cane molasses, alfalfa meal, and oat meal by-products (oat middlings, oat shorts, oat hulls).	As certified, ----- 6437
3.73	2.50	9.40	14.00	45.00	Cracked corn, crushed oats, cane molasses and alfalfa meal.	As certified, ----- 6436
2.17	2.00	10.29	14.00	42.00	Cracked corn, crushed oats, cane molasses and alfalfa meal.	As certified, ----- 6435
4.41	3.80	10.13	13.46	2.20	Cut hay, bran, cracked corn,	As certified, ----- 6486

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	ALBERT CLAY, PHILADELPHIA, PA.				
6494	Rosewood Mixed Feed, -----	Albert Clay, Philadelphia, --	15.64	6.80	% 7.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
6831	Glohe Horse Feed Medium Grain Mixture.	Hudson & Kuhns, Greensburg.	13.82	10.42	10.00
	DIETRICH & GAMBRILL, INC., FREDERICK, MD.				
7092	Gambrill's Horse Feed, -----	Winfield Mills, Winfield, ---	10.17	11.06	10.00
7124	Gambrill's Stock Feed, -----	Engles Mills, Inc., Hazleton,	10.37	13.88	10.00
7095	Gambrill's Stock Feed, -----	Winfield Mills, Winfield, ---	10.09	12.06	10.00
	THE DIXIE MILLS CO., EAST ST. LOUIS, ILL.				
6193	Dixota Feed, -----	Grab Brothers, Etna, -----	9.43	11.50	10.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
6305	Eshelman's Lancaster Horse Feed, ---	M. L. Jaschik, Lancaster, --	10.37	9.75	9.00
6040	Eshelman's Lancaster Horse Feed, ---	C. B. Rutter, Lansford, ---	8.55	10.19	9.00
6039	Eshelman's Lancaster Stock Feed, ---	C. B. Rutter, Lansford, ---	10.34	8.57	9.00
6739	Eshelman's Lancaster Stock Feed, ---	Speacht Brothers, Pottsville,	8.13	10.25	9.00
6489	Eshelman's Red Rose 85 Horse Feed, ---	Fred L. Lemont, Philadelphia.	15.96	9.00	9.00
6736	Eshelman's Red Rose 85 Horse Feed, ---	Speacht Brothers, Pottsville,	9.60	9.69	9.00
	FLORY MILLING COMPANY, BANGOR, PA.				
6444	Blue Mountain Horse Feed, -----	Joe Weber, Philadelphia, --	13.30	7.09	7.00
6450	Buzz Horse Feed, -----	James Marks, Philadelphia, --	12.02	4.56	6.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed	Found				
2.82	2.00	10.80	11.00	\$ 2.25 Cracked corn, crushed oats, clipped oats by-products, al- falfa meal, molasses, $\frac{1}{2}$ of 1% salt, whole white oats.	As certified, -----	6194
3.32	3.20	9.37	12.00	2.80 Cracked corn, crushed oats, linseed oil meal, molasses, alfalfa meal.	As certified, -----	6831
4.13	3.50	7.73	12.00	2.35 Cracked corn, crushed oats, alfalfa meal, molasses, $\frac{1}{2}\%$ salt.	As certified, -----	7092
4.06	3.25	8.15	12.00	48.00 Cottonseed meal, linseed meal, corn feed meal, wheat middlings, oat shorts, oat middlings, oat hulls, mo- lasses, 1% calcium carbon- ate, 1% salt.	Found also oat screen- ings.	7124
3.65	3.25	9.04	12.00	2.30 Cracked corn, crushed oats, ground alfalfa, old process linseed oil meal, molasses, 1% salt.	Found also oat sereen- ings.	7095
3.46	3.50	9.02	9.00	40.00 Cracked corn, crushed oats, ground alfalfa, old process linseed oil meal, molasses, 1% salt.	As certified, -----	6193
3.52	2.50	6.75	10.00	----- Cracked corn, crushed oats, cane molasses, alfalfa meal, $\frac{1}{2}$ of 1% salt.	Salt not detected, -----	6305
2.73	2.50	9.20	10.00	2.60 Corn feed meal, hominy feed.	As certified, -----	6040
3.00	3.00	9.71	11.00	2.40 wheat middlings, oat meal mill by-product (oat mid- dlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	6039
3.73	3.00	10.83	11.00	2.75 Cracked corn, crushed oats, cane molasses, alfalfa meal, $\frac{1}{2}\%$ salt.	As certified, -----	6739
3.65	3.00	6.72	10.00	45.00 Cracked corn, crushed oats, cane molasses, alfalfa meal,	As certified, -----	6480
3.37	3.00	5.27	10.00	3.00 1% salt.	As certified, -----	6736
2.53	2.00	10.52	11.00	2.10 Cracked corn, erimped oats, clipped oat by-products, molasses, 1% salt.	Salt not detected, -----	6444
1.61	1.50	15.50	12.00	1.80 Cracked corn, erimped oats, alfalfa meal, clipped oat by- products, reground grain screenings, molasses, $\frac{1}{2}$ of 1% salt.	Salt and alfalfa meal not detected.	6450

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
6447	Cinderella Horse Feed, -----	Morris Weber, Philadelphia,	% 13.08	% 6.76	% 5.00
6445	Flory's Horse Feed, -----	Joe Weber, Philadelphia, ----	8.48	8.51	9.00
6448	Record Horse Feed, -----	Greer Brothers, Philadelphia,	14.29	7.47	7.00
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
6215	Grandin's Stock Food, -----	Wayne Milling Co., Honesdale.	11.31	9.75	8.50
	THE KASCO MILLS, INC., WAVERLY, N. Y.				
6418	Apex 65 % Horse and Mule Feed, -----	W. E. Cline, Export, -----	10.70	10.00	7.50
	DAVID McMULLIN, JR., PHILADELPHIA, PA.				
6454	Champion Horse Feed, -----	David McMullin, Jr., Philadelphia.	14.72	9.70	9.80
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
6774	Bull Brand Horse Feed with Molasses,	Richards & Schrader, Ward,	13.78	10.63	8.00
7120	Bull Brand Stock Feed, -----	S. E. Seidel, Hamburg, -----	8.05	10.63	9.50
	MORRIS MILLER, PHILADELPHIA, PA.				
6446	Miller's 85% Special Horse Feed, -----	Sam Cohen, Philadelphia, --	11.31	10.69	9.00
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
6771	Arlington Horse Feed, -----	Harvey Detwiler, Chester Springs.	11.50	10.13	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued.

Found % 2.37	Fat		Fiber		Price per ton or ewt. \$ 1.90	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Guaranteed % 2.00	Found % 12.32	Guaranteed % 12.00	Found % 9.79	Guaranteed % 10.00			
3.08	2.50	9.79	10.00	-----	2.40	Cracked corn, crimped oats, alfalfa meal, molasses, $\frac{1}{2}$ of 1% salt.	Salt not detected. -----	6447
2.78	2.00	11.39	11.00	-----	-----	Cracked corn, crimped oats, alfalfa meal, molasses, 1% salt.	As certified, -----	6445
						Cracked corn, crimped oats, alfalfa meal, molasses and 1% salt.	As certified, -----	6448
5.20	4.00	6.67	12.00	-----	45.00	Corn meal, corn feed meal, hominy feed, wheat middlings, ground barley, oat meal mill by-products (oat middlings, oat hulls, oat shorts), and $\frac{1}{2}$ of 1% salt. (Wheat middlings may contain ground screenings not exceeding mill run.)	Barley not detected, --	6215
2.95	2.00	12.02	10.00	-----	2.25	Cracked corn, oats, alfalfa meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	6418
3.43	3.30	7.79	9.00	-----	48.00	Crushed oats, cracked corn, molasses, linseed oil meal, (old process), alfalfa meal, 1% salt.	As certified, -----	6454
3.68	2.00	8.28	10.00	-----	60.00	Molasses, cracked corn, crushed oats, $\frac{3}{4}$ of 1% salt. Hominy feed, corn feed meal, wheat bran, ground oats, oat hulls, oat shorts, $\frac{3}{4}$ of 1% salt. (Wheat bran may contain mill run of ground screenings.)	As certified, -----	6774
4.85	3.50	11.05	11.00	-----	2.30		As certified, -----	7120
3.66	4.00	7.08	6.00	-----	2.50	Crushed oats, cracked corn, wheat bran, cane molasses, $\frac{1}{2}$ of 1% salt.	Salt not detected, -----	6446
3.92	2.50	8.51	11.00	-----	2.90	Cracked corn, crimped oats, wheat bran, molasses, $\frac{1}{2}$ of 1% table salt.	As certified, -----	6771

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6875	Stock Feed, -----	E. J. Rogers, Emporium, --	% 9.21	% 11.19	% 8.00
PRAIRIE STATE MILLING CO., CHICAGO, ILL.					
6171	Emerald Horse Feed, -----	J. J. Fichter, Pittsburgh,--	15.76	10.80	8.00
6390	Emerald Horse Feed, -----	McFarland Supply Co., Greensburg.	12.06	11.13	8.00
6177	Lexington Horse Feed, -----	Wm. Fischer Sons, Pittsburgh.	15.47	8.02	7.00
PRATT FOOD COMPANY, HAMMOND, IND.					
6196	Pratt's Horse Feed with Alfalfa, -----	Morrison Brothers, Bellevue,	12.87	12.78	9.00
6270	Pratt's Utility Horse Feed, -----	Jacob Lessig & Sons, Ashland.	10.55	7.69	8.50
PURITAN MILLS, CHICAGO, ILL.					
6156	Green Bell Horse Feed, -----	A. Davidson Feed Co., McKeesport.	12.56	9.69	9.00
6107	Plymouth Stock Feed, -----	DuBois Milling Co., Dubois,	7.43	7.31	7.00
6153	Plymouth Stock Feed, -----	Port Davidson Feed Co., McKeesport.	6.52	8.00	7.00
6118	Plymouth Stock Feed, -----	Star Milling Co., Clymer, --	7.81	8.63	7.00
7183	Plymouth Stock Feed, -----	Tyrone Milling Co., Tyrone,	7.77	7.19	7.00
THE QUAKER OATS CO., CHICAGO, ILL.					
6135	Quaker Green Cross Horse Feed, -----	Duryea Mercantile Co., Duryea.	11.43	11.75	10.00
6480	Quaker Green Cross Horse Feed, -----	W. J. Haid, Gallitzin, -----	11.76	12.06	10.00
6745	Quaker Green Cross Horse Feed, -----	Jalappa Grain Elevator, Pottsville.	14.48	10.37	10.00
6092	Quaker Green Cross Horse Feed, -----	King Feed Co., Williamsport,	7.58	12.56	10.00
6157	Quaker Horse Power Brand Feed, -----	R. S. Altman, McKeesport,--	9.56	10.88	10.00

FEEDING STUFFS COLLECTED IN 1928—Continued

Found Fat	Fiber		Price per ton or cwt. Guaranteed	Certified Composition	Identified by Micro- scopical Examination	Chemist's number	
	Guaranteed	Found					
3.82	2.50	7.82	12.00	Ground barley, ground corn, oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate and salt.	Salt not detected, -----	6875	
2.44 2.04	2.00 2.00	8.71 10.97	12.00 12.00	42.00 2.40	Crimped oats, cracked corn, crimped barley, alfalfa meal and molasses.	Barley present in trace, As certified, -----	6171 6990
1.95	1.50	14.04	12.00	40.00	Crimped oats, cracked corn, barley screenings, reground oat feed (oat shorts, oat hulls), flax plant by-product, alfalfa meal and molasses.	As certified, -----	6177
2.44	2.50	10.93	14.00	52.00	Cracked corn, crushed oats, alfalfa meal, molasses, iodized salt $\frac{3}{4}$ of 1%.	Iodized salt not detected.	6196
2.56	1.50	11.68	12.00	2.50	Cracked corn, oats, molasses, alfalfa meal, oat feed, oat middlings, oat hulls, $\frac{3}{4}$ of 1% salt.	As certified, -----	6270
2.09	2.00	10.38	12.00	45.00	Whole cracked corn, crushed oats, oat clips (oat by-product), alfalfa meal and molasses.	As certified, -----	6156
2.14	2.00	16.67	12.00	2.15	Corn feed meal, ground barley, ground oats, reground oat feed (oat hulls and oat shorts), calcium carbonate and 1% salt.	Barley not detected, ---	6107
2.62	2.00	16.41	12.00	40.00	Barley not detected. ---	6153	
2.56	2.00	11.83	12.00	2.25		6118	
2.52	2.00	17.71	12.00	45.00	Barley not detected, ---	7183	
2.95	2.50	10.97	12.00	42.70	Cracked corn, crushed oats, cottonseed meal, alfalfa meal, oatmeal mill by-products (oat middlings, oat shorts, oat hulls), molasses, $\frac{3}{4}$ of 1% salt.	As certified, -----	6135
2.59 2.52	2.50 2.50	11.63 12.02	12.00 12.00	55.00 2.50	As certified, -----	6480	
2.76	2.50	11.89	12.00	56.00		6745	
3.34	2.80	8.86	11.00	44.00	Cracked corn, crushed oats, linseed meal, alfalfa meal, oat meal by-product (oat middlings, oat shorts, oat hulls), $\frac{1}{4}$ of 1% salt, molasses.	As certified, -----	6157

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6749	Quaker Schumacher Feed, -----	Jalappa Grain Elevator, Pottsville.	% 8.65	% 10.31	% 10.00
7079	Quaker Schumacher Feed, -----	C. J. Miller, Calcium, -----	8.29	11.06	10.00
6158	Quaker Sugared Schumacher Feed, -----	R. S. Altman, MeKeesport,--	7.75	10.38	10.00
6137	Quaker Sugared Schumacher Feed, -----	Duryea Mercantile Co., Duryea.	10.35	10.63	10.00
6286	Quaker Sugared Schumacher Feed, -----	The Hex Milling Co., Shamokin.	9.54	10.19	10.00
7185	Quaker Sugared Schumacher Feed, -----	Hutchinson Feed & Flour Co., Tyrone.	7.57	10.75	10.00
6482	Quaker Sugared Schumacher Feed, -----	Carl E. Rohm, Breezewood,	8.84	10.69	10.00
RALSTON-PURINA CO., INC., ST. LOUIS, MO.					
6122	Buffalo Purina Bulky Lass Feed, -----	Thomas K. George, Homer City.	10.88	10.56	9.00
6902	Buffalo Purina Bulky Lass Feed, -----	C. H. Lenhart, West Leesport.	13.04	10.88	9.00
6618	Purina Grainola, -----	Ridgway Grist Mills, Ridgway.	15.06	8.88	8.00
6123	Purina O-Molene Feed, -----	Thomas K. George, Homer City.	13.88	10.51	9.70
6455	Purina O-Molene Feed, -----	David McMullin, Jr., Philadelphia.	13.26	10.97	9.70
7141	Purina O-Molene Feed, -----	A. F. Stutzman & Son, Johnstown.	9.70	11.19	9.70
R. A. SMITH MILLING CO., NORTH-AMPTON, PA.					
7039	Rason's Stock Feed, -----	R. A. Smith Milling Co., Northampton.	9.77	12.75	10.00
JESSE C. STEWART CO., PITTSBURGH, PA.					
6840	Red Letter Brand Alfalfa Horse Feed,	Everett Electric Milling Co., Everett.	17.29	10.35	9.00
6963	Red Letter Brand Alfalfa Horse Feed,	Service Stores Corporation, Slickville.	16.35	10.78	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.26	3.25	11.53	12.00	\$ 2.65	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, linseed meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal mill by-product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal.	As certified, -----	6749
4.16	3.25	12.65	12.00	2.35		As certified, -----	7079
3.62	3.25	11.78	12.00	40.00	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, linseed meal, low grade wheat flour, wheat middlings (with ground wheat screenings not exceeding mill run), oatmeal by product (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal and molasses.	As certified, -----	6158
3.68	3.25	10.87	12.00	40.70		As certified, -----	6137
3.63	3.25	10.90	12.00	2.35		As certified, -----	6286
3.36	3.25	11.86	12.00	50.00		As certified, -----	7185
3.26	3.25	11.15	12.00	2.50		As certified, -----	6482
2.46	1.30	14.37	15.00	2.35	Ground alfalfa, wheat bran, beet pulp, ground grain screenings from wheat, oats, barley, Kaffir, molasses, 1% salt.	As certified, -----	6122
1.94	1.30	12.56	15.00	2.50	Alfalfa meal, wheat bran, dried beet pulp, ground grain screenings from wheat, oats, Kaffir, barley, molasses and 2% salt.	As certified, -----	6902
1.84	2.00	14.38	15.00	2.90	Cracked corn, crushed oats, alfalfa stem meal, alfalfa meal, 1% salt, molasses.	As certified, -----	6618
4.18	3.20	8.49	9.00	2.85	Cracked corn, crushed oats, alfalfa meal, linseed meal, molasses, 1% salt.	As certified, -----	6123
3.84	3.20	8.43	9.00	55.00		As certified, -----	6455
3.64	3.20	8.00	9.00	2.75		As certified, -----	7141
3.87	3.00	3.92	8.50	48.00	Standard middlings, rye, corn and oat feed.	As certified, -----	7039
1.99	0.50	10.80	14.00	2.75	Corn, oats, alfalfa and cane syrup.	As certified, -----	6840
1.66	0.50	10.96	14.00	2.75		As certified, -----	6963

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
6053	E-Gee Stock Feed, -----	R. F. Swartz, Bowmanstown.	% 8.06	% 9.94	% 10.00
	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO				
7005	Armada Cormid Feed, -----	J. Harvey Miller, Ligonier,	11.88	11.19	12.00
	JACOB TRINLEY & SONS, LINFIELD, PA.				
6493	Favorite Horse Feed, -----	G. K. Craig, Philadelphia, --	13.62	6.68	7.00
6487	Limerick Horse Feed, -----	Frank Cockerill, Philadelphia.	17.80	6.70	6.00
6490	Melo Horse Feed, -----	Peter T. Cannon, Philadelphia.	12.86	4.44	6.00
6492	Real 85 Horse Feed, -----	G. K. Craig, Philadelphia,--	15.16	9.15	10.00
6491	Supreme 85% Horse Feed, -----	Peter T. Cannon, Philadelphia.	16.37	8.57	9.00
	THE UBIKO MILLING CO., CINCINNATI, OHIO				
6791	Crusader Horse Feed, -----	W. W. Kalb, Sunbury, ----	10.69	12.56	9.60
	VITALITY MILLS, INC., CHICAGO, ILL.				
6995	Advanee Stock Feed, -----	Pollock Flour & Feed, Ford City.	7.64	8.72	7.00
6996	Vitality Horse Feed, -----	Pollock Flour & Feed, Ford City.	16.93	9.43	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
3.50	% 3.00	% 12.05	% 12.00	\$ 2.45	Corn meal, hominy feed, wheat middlings, oat meal mill by-products (oat shorts, oat middlings, oat hulls), ground feed and grain screenings, salt.	As certified, ----- 6053
2.82	3.50	4.58	6.00	2.00	Corn, corn meal mill by-products (fine meal and siftings), wheat middlings and ground wheat screenings.	As certified, ----- 7005
2.48	2.50	8.54	12.10	2.30	Cracked corn, crushed oats, oat feed (oat hulls and middlings), molasses, $\frac{1}{2}\%$ salt.	As certified, ----- 6493
1.91	2.00	6.36	12.10	34.50	Cracked corn, crushed oats, oat hulls, oat clips, molasses, 1% salt.	As certified, ----- 6487
1.59	2.00	15.33	12.10	1.75	Cracked corn, crushed oats, oat feed (oat hulls and middlings), molasses, $\frac{1}{2}\%$ salt.	Salt not detected. ---- 6490
3.19	3.00	6.82	11.00	2.65	Cracked corn, crushed oats, alfalfa meal, linseed meal, molasses, $\frac{1}{2}\%$ salt.	As certified, ----- 6492
3.23	3.00	6.86	11.00	2.25	Cracked corn, crushed oats, alfalfa meal, molasses, $\frac{1}{2}\%$ salt.	As certified, ----- 6491
4.22	3.00	6.90	10.00	2.90	Corn, oats, alfalfa meal, molasses, and $\frac{1}{2}\%$ salt.	As certified, ----- 6791
3.95	2.00	15.61	12.00	2.00	Corn feed meal, ground oats, ground barley, reground oat feed, oat meal mill by-products, (oat hulls, oat shorts), 1% calcium carbonate (limestone), and 1% salt.	As certified, ----- 6995
1.48	2.00	13.12	15.00	2.30	Sifted, cracked corn, crushed oats, crushed barley, alfalfa meal and molasses.	As certified, ----- 6906

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE WADSWORTH FEED CO., WARREN, OHIO				
6239	Superior Horse Feed, -----	George J. New's Sons, Blairs-ville.	13.47	10.69	11.00
	WALTON BROTHERS, PHILADEL- PHIA, PA.				
6449	W. B. Speeial Horse Feed, -----	George J. Steinmeyer, Phila-delphia.	13.36	8.68	6.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
6961	Jumbo Stock Feed, -----	Wm. Cornell & Son, Bagga-ley.	9.47	9.38	8.00
	Wayne Supreme Horse Feed, -----	Mifflinburg Milling Co., Mif-flinburg.	11.12	10.19	9.50
	F. S. WERTZ & SON, READING, PA.				
6488	Paramel Horse Feed, -----	Fred L. Lemont, Philadel-phia.	11.43	9.50	9.00
6767	Wertz Horse Feed with Alfalfa, -----	Chester Feed Store, Chester,	11.78	10.06	9.00
6451	Wertz Horse Feed with Alfalfa, -----	James Marks, Philadelphia,	17.74	8.15	9.00
6225	Wertz Horse Feed with Alfalfa, -----	F. S. Wertz & Son, Reading,	12.40	10.00	9.00
	A. WHITE & SON, PHILADELPHIA, PA.				
6453	White's All Grain Horse Feed, -----	A. White & Son, Philadel-phia.	14.78	8.75	9.00
	JOHN C. WILSON, PHILADELPHIA, PA.				
6442	Wilson's Horse Feed, -----	John C. Wilson, Philadel-phia.	19.04	6.33	7.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number	
	Guaranteed	Found					
3.65	4.50	5.55	7.00	\$ 2.50	Corn, oats, oil meal, wheat bran, salt, calcium carbonate and molasses.	Salt and calcium carbonate not detected. Found also alfalfa.	6239
2.20	1.50	9.44	12.00	-----	Corn, oats, molasses, salt, oatmeal mill by-products (oat hulls, oat shorts, oat middlings), alfalfa meal.	As certified, -----	6449
3.25	3.00	9.97	12.00	2.40	Ground corn, ground oats, ground barley, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, oats, barley, Kaffir.	As certified, -----	6961
3.73	3.50	5.90	7.00	2.90	Cracked corn, crimped oats, wheat bran, molasses.	As certified, -----	6803
4.64	3.00	7.33	8.00	44.00	Crushed oats, cracked corn, wheat bran and molasses, $\frac{3}{4}$ of 1% salt.	Salt not detected, -----	6488
3.65 3.29 3.60	2.00 2.00 2.00	8.96 7.88 7.53	10.00 10.00 10.00	55.00 2.50 45.00	Crushed oats, cracked corn, alfalfa, molasses.	As certified, ----- As certified, ----- As certified, -----	6767 6451 6225
3.37	3.00	8.32	10.00	45.00	Cracked corn, crushed oats, alfalfa meal, cane molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	6453
2.61	2.00	8.50	10.00	38.00	Cracked corn, oats, barley, oat feed (oat hulls and middlings), oat clips by-products, bran, alfalfa meal, molasses and salt.	Barley not detected, ---	6442

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	<u>PROPRIETARY CALF MEAL</u>				
	THE AMERICAN MILLING CO., PEORIA, ILL.				
6691	Ameo Calf Meal, -----	Frank Wetzell, Marion Center.	% 8.91	% 22.69	% 22.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
6050	Eshelman's Calf Meal, -----	Mauser Mill Co., Palmerton,	11.03	22.38	16.00
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
7081	Purina Calf Chow Feed, -----	C. J. Miller, Calcium, -----	10.85	27.19	27.00
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
6598	Ti-O-Ga Calf Food, -----	J. B. Kelly, Washingtonville.	11.95	22.19	21.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
6099	Wayne Calf Meal, -----	Dairy Products Co., Clearfield.	11.61	25.38	24.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt. Guaranteed	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
4.90	3.00	4.06	4.00	\$ 3.50	Linseed oil meal—O. P., ground malted barley, blood flour, oat flour, wheat red dog flour, yellow corn meal, bone meal—steamed, ground limestone, salt.	As certified, ----- 6691
4.17	3.00	3.32	5.00	2.20	Cooked and baked wheat feed, O. P. linseed meal, wheat middlings, wheat flour, oat meal, ground Kaffir corn, blood meal, pure ground flaxseed 2%.	As certified, ----- 6050
4.42	3.20	3.43	4.50	5.00	Blood flour, dried skim milk, linseed flour, bolted corn meal, low grade wheat flour, 2% bone meal, corn gluten meal, hominy feed, 1% salt.	As certified, ----- 7081
4.93	4.00	5.01	7.00	5.00	Oatmeal flour, bolted cotton-seed meal, wheat middlings, O. P. linseed oil meal, 2½% blood meal flour, 2½% phosphate of lime, cane molasses, cocoanut oil meal, ½ of 1% salt.	As certified, ----- 6598
5.18	4.00	6.07	6.50	4.50	Dried buttermilk, corn gluten meal, cottonseed meal, cocoanut oil meal, malt sprout meal, wheat red dog flour, wheat middlings, wheat bran, 2% bone meal (calcium phosphate), 1% salt, cane molasses.	As certified, ----- 6099

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
<u>PROPRIETARY SWINE FEED</u>					
	THE AMERICAN MILLING CO., PEORIA, ILL.				
6693	Ameo 28% Supplement Pig Meal, -----	Frank Wetzell, Marion Center.	%	29.19	28.00
<u>ARCADY FARMS MILLING CO., CHICAGO, ILL.</u>					
6947	Aready Hog Meal, -----	Evan H. McBroom, Derry, --	10.64	15.94	15.00
6368	Aready Hog Meal, -----	F. B. Radaker, DuBois, ---	13.14	15.50	15.00
<u>WM. B. BARNITZ, CARLISLE, PA.</u>					
6252	Cumberland Pig Meal, -----	Wm. B. Barnitz, Carlisle, --	6.86	15.94	15.00
<u>BLANK &amp; GOTTSALL CO., INC., SUNBURY, PA.</u>					
5999	B and G Hog Feed, -----	Blank & Gottshall Co., Inc., Sunbury.	10.51	19.38	17.00
6384	B and G Hog Feed, -----	Paxton Flour & Feed Co., Harrisburg.	11.38	20.06	17.00
<u>BOYER FEED CO., PAXTONVILLE, PA.</u>					
6560	Red Top Pig Meal, -----	W. S. Smith, Mt. Pleasant Mills.	10.60	14.94	13.00
<u>CHAMBERSBURG GRAIN CO., CHAMBERSBURG, PA.</u>					
6327	W. D. Pig Meal, -----	Chambersburg Grain Co., Chambersburg.	7.45	20.06	19.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.91	4.50	5.76	8.00	\$ 3.30	Digester tankage—60%, peanut oil meal—choice, linseed oil meal—O. P., wheat flour middlings, oat flour, alfalfa meal — choice, molasses — cane, bone meal—steamed, ground limestone, salt.	As certified, -----	6693
4.58	3.50	6.92	7.00	2.50	O. P. linseed oil meal, corn oil cake meal, corn feed meal, alfalfa meal, wheat middlings, bone meal, molasses, clean ground and bolted wheat screenings, tankage, calcium carbonate from limestone, $\frac{1}{2}$ of 1% salt.	Corn oil cake meal not detected. Found also oat meal mill by-product, oats, barley, millet and small amount unground weed seeds.	6947
4.22	3.50	8.10	7.00	2.65	Salt not detected, -----	6368	
4.02	4.00	5.12	5.00	2.45	Gluten feed, tankage, fish meal, alfalfa meal, O. P. oil meal, standard middlings, ground corn and Oberco Minerals (bone charcoal, calcium carbonate, calcium sulphate, sodium chloride and potassium iodide).	As certified, -----	6252
4.40	4.00	7.39	8.00	2.50	Corn feed meal, corn gluten feed, ground oats, wheat middlings, alfalfa meal, linseed meal, tankage, salt, fish meal, calcium carbonate, charcoal.	As certified, -----	5909
4.04	4.00	7.16	8.00	48.00	As certified, -----	6384	
4.99	4.00	7.83	7.00	3.00	Blood meal, meat meal, alfalfa, oil meal, wheat middlings, oats, corn and 1% salt.	Found also charcoal, --	6560
5.12	4.00	5.41	10.00	-----	Oil meal, wheat middlings, gluten feed, corn meal, tankage, fish meal, bone charcoal, calcium carbonate, calcium sulphate, sodium chloride and potassium iodine.	As certified, -----	6327

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	CUSTER'S FLOUR MILLS, MILTON, PA.				
7054	Custer's Pig Meal, -----	W. E. Custer, Danville, -----	10.03	20.69	18.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
6810	Globe (D) Pig Meal, -----	J. A. Gault Co., Kittanning, -----	9.84	18.38	18.00
	DIXIE MILLS CO., EAST ST. LOUIS, ILL.				
5964	Dixie Pig Feed, -----	Jefferson Grain & Feed Co., Jefferson.	9.00	21.75	20.00
	H. L. GARRISON & BROTHER, BERWICK, PA.				
7108	Extra Quality Hog Feed, -----	H. L. Garrison & Brother, Berwick.	8.85	18.44	15.00
	HESPENHEIDE & THOMPSON, YORK, PA.				
6380	Premier Pig-N-Hog Meal, -----	Hespenheide & Thompson, York.	9.80	17.31	16.00
	THE LARROWE MILLING CO., DETROIT, MICH.				
6930	Larro Hog Feed, -----	J. B. Anderson Son, Shick-shinny.	9.30	19.00	18.00
6176	Larro Hog Feed, -----	Wm. Fisher Sons, Pittsburgh.	9.84	19.31	18.00
6997	Larro Hog Feed, -----	Pollock Flour & Feed, Ford City.	9.00	18.06	18.00
6043	Larro Hog Feed, -----	Horace Stroh, Hamburg, ---	9.37	19.56	18.00
7182	Larro Hog Feed, -----	Tyrone Milling Co., Tyrone,	9.56	20.00	18.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
3.57	% 3.50	% 5.00	% 9.00	\$ 2.80	Ground corn, gluten feed, reground oat feed, digester tankage, 6%, wheat middlings, salt, calcium carbonate, oxide of iron, potassium iodide, oats chop.	Calcium carbonate not detected. Found also charcoal. 7054
4.66	5.00	6.00	6.00	3.60	Digester tankage, soy bean oil meal, wheat flour middlings, corn feed meal, corn oil cake meal, linseed oil meal, barley meal, oat flour, fine ground alfalfa meal, 1% calcium carbonate, 1% salt, 1% bone meal.	As certified, ----- 6816
6.16	5.00	6.31	8.00	60.00	Corn germ meal, wheat middlings, old process linseed oil meal, pulverized alfalfa, corn feed meal, tankage, molasses, $\frac{1}{2}$ of 1% charcoal, $\frac{1}{2}$ of 1% salt.	Found also small amount ground screenings. 5961
5.28	5.00	5.65	7.00	2.75	Ground corn and oats, wheat middlings and tankage.	As certified, ----- 7108
4.28	4.00	6.54	7.00	52.00	10% tankage, corn feed meal, choice wheat middlings, wheat bran, ground barley, alfalfa meal, O. P. oil meal, 2% calcium carbonate, 1% salt, 2% charcoal.	As certified, ----- 6380
5.83	5.00	9.11	10.00	70.00	Corn germ meal, linseed oil meal, hominy feed, meat serabs, alfalfa meal, wheat middlings, wheat bran, dried beet pulp, and $\frac{1}{2}$ of 1% salt.	As certified, ----- 6930
5.43	5.00	8.08	10.00	63.00		As certified, ----- 6176
5.74	5.00	8.39	10.00	3.00		As certified, ----- 6997
5.35	5.00	8.24	10.00	3.00		As certified, ----- 6043
4.89	5.00	8.50	10.00	60.00		As certified, ----- 7182

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7121	MARITIME MILLING CO., INC., BUFFALO, N. Y.	S. E. Seidel, Hamburg, ----	7.89	18.56	18.00
6941	Bull Brand Pig and Hog Meal, -----				
6856	MITCHELL MILLING CO., CLEARFIELD, PA.	Mitchell Milling Co., Clearfield.	9.60	16.06	16.00
6019	Hog Ration, -----	P. J. Oesterling & Son, Inc., Butler.	10.10	18.19	14.00
6665	P. J. OESTERLING & SON, INC., BUTLER, PA.				
7042	Pennsylvania State Farmers Hog Ra-tion No. 1.				
6019	THE PARK & POLLARD CO., BUF-FALO, N. Y.	Charles G. Bolig, Northum-berland.	9.84	16.00	15.00
6665	Go Tu It Hog Ration, -----				
7042	PRATT FOOD COMPANY, BUFFALO, N. Y.	Stembler Brothers, East Mauch Chunk.	8.36	20.06	20.00
7042	Pratt's Pig Feed, -----				
7042	QUISENBERRY FEED MANUFACTUR-ING CO., BUFFALO, N. Y.	Kiser Feed Co., Grampion,--	9.50	16.06	14.00
7042	Quisenberry Quality Hog Feed, -----				

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found % 5.95	Fiber		Price per ton or cwt. 3.00	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed % 4.00	Found % 6.90				
4.19	4.00	6.83	7.00	3.30	Ground corn, oats, wheat middlings, tankage and mineral matter.	As certified, ----- 6941
4.03	4.00	5.38	9.00	3.00	Corn feed meal, ground oats, wheat middlings, digester tankage, peanut meal, mineral mixture, salt.	As certified, ----- 6856
5.09	5.00	6.77	10.00	2.60	Alfalfa meal, hominy meal, ground barley, fish, meat, bone, corn meal, corn germ meal, wheat middlings, fine ground grain screenings, cacao meal, ealeum carbonate, and salt.	Found also Kaffir corn, ground buckwheat and tankage. 6019
5.14	4.00	5.48	7.00	3.35	Oat meal, corn meal, digester tankage, O. P. linseed oil meal, alfalfa meal, wheat middlings, low grade flour, calcium carbonate $\frac{3}{4}$ of 1%, calcium phosphate $\frac{3}{4}$ of 1%, iodized salt $\frac{1}{2}$ of 1%.	As certified, ----- 6665
5.59	4.00	5.81	7.00	3.10	Corn meal, ground barley, wheat middlings, wheat bran, digest tankage, not over 5% bone meal, calcium carbonate and salt.	As certified, ----- 7042

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	RALSTON PURINA CO., INC., BUFFALO, N. Y.				
6906	Purina Hog Fatina Feed, -----	C. H. Lenhart, West Leesport.	% 10.92	% 16.38	% 14.00
7144	Purina Pig Chow, -----	A. F. Stutzman & Son, Johnstown.	8.92	21.69	20.00
6347	Purina Pig Chow, -----	G. R. Thompson & Son, Gettysburg.	10.97	21.69	20.00
6081	Purina Pig Chow, -----	Tri-County Wholesale, Barnesboro.	12.00	21.13	20.00
	D. A. STICKELL & SONS, INC., HAGERSTOWN, MD.				
6975	Stickell's Hog Ration, -----	Stoudt Milling Co., Shoemakersville.	10.63	16.75	16.00
	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
7032	Ti-O-Ga Growing Shoat Feed, -----	Davenport Mills, Bloomsburg.	9.03	18.81	15.00
6530 6054	Ti-O-Ga Growing Shoat Feed, ----- Ti-O-Ga Growing Shoat Feed, -----	Neil S. Harrison, Forks, --- R. F. Swartz, Bowmans-town.	10.00 9.28	18.44 18.81	15.00 15.00
	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO				
6818	Red Ball Pig Meal, -----	North & Rydbom, Glenn Campbell.	9.40	17.56	18.00
	THE UBIKO MILLING CO., CINCINNATI, OHIO				
6992	Ubiko Pig and Hog Ration, -----	McFarland Supply Co., Greensburg.	8.13	26.00	25.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber Guaranteed	Fiber Found	Fiber Guaranteed	Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
3.96	3.00	5.24	6.00	\$ 3.05	Tankage, linseed meal, corn germ meal, alfalfa leaf meal, grey wheat middlings, hominy meal, molasses, 1% salt, 1% charcoal.	As certified, -----	6906
4.23	3.20	6.41	7.00	3.50	Molasses, hominy feed, corn germ meal, digester tankage, linseed meal, corn gluten feed, alfalfa leaf meal, wheat middlings, 1% charcoal, 1% salt.	As certified, -----	7144
4.19	3.20	6.09	7.00	3.60		As certified, -----	6347
4.08	3.20	6.65	7.00	73.00		As certified, -----	6081
3.96	5.00	5.52	6.00	3.40	Buttermilk, tankage, linseed oil meal, ground oats, corn gluten feed, wheat flour middlings, ground barley, corn meal, hominy feed, calcium carbonate, 1% salt.	Salt not detected, -----	6975
4.73	3.50	6.47	8.00	3.25	Wheat middlings, linseed oil meal, corn meal, wheat bran, cane molasses, 2% phosphate of lime.	Found also cottonseed meal.	7032
4.74	3.50	6.49	8.00	3.00		As certified, -----	6530
4.66	3.50	6.57	8.00	2.90		As certified, -----	6054
4.39	4.00	7.82	8.00	3.50	Wheat middlings, gluten feed, corn meal, tankage, cocoanut oil meal, ground barley, ground oats, ground alfalfa meal, molasses, 2% phosphate of limestone, $\frac{1}{2}$ of 1% salt, linseed oil meal.	As certified, -----	6818
6.35	4.50	6.11	7.00	3.40	Cocoanut oil meal, wheat middlings, yellow corn meal, O. P. linseed oil meal, hominy feed, fine choice alfalfa meal, 2% bone meal, 1% chemically pure calcium carbonate, 60% digester tankage and 1% salt.	As certified, -----	6992

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE WADSWORTH FEED CO., WARREN, OHIO				
6409	Superior Hog Feed, -----	Hepler-McNaughton Co., New Alexandria.	11.88	14.00	15.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
6095	Wayne 28% Hog Meal, -----	Dairy Products Co., Clearfield.	9.50	29.00	28.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
6962	Wayne Pig Meal 18%, -----	Wm. Cornell & Son, Baggaley.	9.89	16.44	18.00
6098	Wayne Pig Meal 18%, -----	Dairy Products Co., Clearfield.	10.49	18.56	18.00
6806	Wayne Pig Meal 18%, -----	Mifflinburg Milling Co., Mifflinburg.	9.41	18.94	18.00
	PROPRIETARY AND MISCELLANEOUS CHOP FEED				
	CORN CHOP				
	MAHONING VALLEY MILLING CO., PUNXSUTAWNEY, PA.				
6364	Pure Corn Chop, -----	Mahoning Valley Milling Co., Punxsutawney.	16.57	9.50	11.00
	CORN AND OATS CHOP				
	THE AMERICAN MILLING CO., PEORIA, ILL.				
6627	Ameo Provender Pure Ground Corn and Oats.	H. M. Plyler, Summerville,--	9.29	10.06	10.00
	AQUEDUCT MILLS, BLOOMSBURG, PA.				
7059	Corn and Oats Chop, -----	Aqueduct Mills, Bloomsburg,	10.54	10.50	9.50

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.12	5.00	5.55	10.00	\$ 2.60	Oil meal, wheat bran, alfalfa meal, meat scraps, corn feed meal, salt, calcium carbonate and molasses.	Salt not detected, -----	6409
5.97	4.50	6.53	7.00	3.40	Digester tankage, Menhaden fish meal, linseed oil meal, cocoanut oil meal, wheat red dog flour, standard wheat middlings, fine ground oat meal, fine ground alfalfa meal, 3% ground limestone (calcium carbonate), 1% salt, cane molasses, potassium iodide (70 grains per ton), 1/5 of 1% iron oxide.	As certified, -----	6095
4.16	3.50	5.88	7.00	3.00	Digester tankage, cocoanut oil meal, linseed oil meal, wheat red dog flour, standard wheat middlings, ground barley, corn gluten feed, corn feed meal, fine ground alfalfa meal, 2% ground limestone (calcium carbonate), 1% bone meal (calcium phosphate), $\frac{1}{2}$ of 1% salt, cane molasses, potassium iodide (35 grains per ton), 1/10 of 1% iron oxide.	As certified, -----	6962
4.76	3.50	6.00	7.00	3.00		Found also malt sprouts.	6698
4.85	3.50	5.31	7.00	3.30		As certified, -----	6806
2.15	3.00	2.17	10.00	2.55	Ground corn, -----	Corn chop, -----	6364
4.00	4.00	6.54	10.00	2.60	Pure corn and oats ground half and half.	As certified, -----	6627
3.98	3.50	3.82	7.00	2.80		Corn and oats, -----	7059

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	BANDLEY & TORREY, TOWNVILLE, PA.				
6650	Corn and Oats Chop, -----	Bandley & Torrey, Townville.	% 11.40	% 10.31	% 10.00
	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA.				
6342	Corn and Oats Chop, -----	Belleville Flour Mills Co., Belleville.	11.90	11.63	9.00
	C. R. BERGER, TROUT RUN, PA.				
6879	Corn and Oats, -----	C. R. Berger, Trout Run, --	10.07	9.81	9.00
	BLANK & GOTTSHELL CO., INC., SUNBURY, PA.				
6000	Corn and Oats Chop, -----	Bank & Gottshall Co., Inc., Sunbury.	13.40	10.75	10.00
	BRIDGEPORT MILLS, CURWENS- VILLE, PA.				
7049	Pure Corn and Oats Chop, -----	Bridgeport Mills, Curbens- ville.	12.23	9.75	8.50
	CHAPIN & COMPANY, HAMMOND, IND.				
6700	Pure Crushed Oats and Cracked Corn,	J. A. Gault Co., Kittanning.	9.01	9.56	-----
	G. E. CONKEY CO., TOLEDO, OHIO				
6076	Corn and Oats Chop, -----	E. George & Son, Spangler,	11.31	10.75	-----
	COVE ROLLER MILLS, WARFORDS- BURG, PA.				
6467	Corn and Oats Chop, -----	Cove Roller Mills, Warfords- burg.	10.22	10.19	-----
	GEORGE DEARMINT, PETERS- BURG, PA.				
6896	Corn and Oats Chop, -----	George DeArment, Peters- burg.	11.28	9.25	9.00
	THE DUNHAM MILLS, WELLSBORO, PA.				
6785	Tyoga Corn and Oats Chop— $\frac{1}{2}$ and $\frac{1}{2}$ ,--	The Dunham Mills, Wells- boro.	9.75	10.60	10.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % Guaranteed	Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Found % Guaranteed	Guaranteed	Found % Guaranteed	Guaranteed				
4.19	3.75	7.19	6.00	\$ 2.60	Corn and oats, -----	As certified, -----	6650	
4.00	3.00	5.13	12.00	2.60	-----	Corn and oats, -----	6342	
3.26	4.00	5.06	7.00	51.00	-----	Corn and oats, -----	6879	
4.25	3.00	4.77	8.00	2.10	-----	Corn and oats, -----	6000	
3.72	4.00	3.04	6.00	2.50	-----	Corn and oats, -----	7049	
3.43	-----	6.44	-----	2.45	-----	Corn and oats, -----	6700	
4.87	-----	6.31	-----	2.90	Corn and oats chop, -----	As certified, -----	6076	
2.84	-----	4.43	-----	2.75	-----	Corn and oats and ground buckwheat.	6467	
3.59	3.00	6.37	9.00	2.70	-----	Corn and oats, -----	6896	
3.52	4.25	6.58	7.00	54.00	-----	Corn and oats, -----	6785	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	EMPORIUM MILLING CO., EMPORIUM, PA.				
6865	Pure Corn and Oats Chop, -----	Emporium Milling Co., Emporium.	11.26	10.19	-----
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
6307	Corn and Oats Chop, -----	M. L. Jaschik, Lancaster, ..	10.65	10.25	10.00
	FRANKLIN FEED & SUPPLY CO., FRANKLIN, PA.				
6642	Corn and Oats Chop, -----	Franklin Feed & Supply Co., Franklin.	11.62	10.00	9.00
	H. L. GARRISON & BROTHER, BERWICK, PA.				
7106	Mixed Chop, -----	H. L. Garrison & Brother, Berwick.	9.03	11.19	10.00
	JAMES A. GOSS, MAITLAND, PA.				
6068	Corn and Oats Chop, -----	James A. Goss, Maitland, ..	13.32	10.06	7.00
	ED. HELLYER, ALEXANDRIA, PA.				
6509	Mixed Chop (Corn and Oats), -----	Ed. Hellyer, Alexandria, ..	11.54	9.63	10.00
	M. E. HERR, SCHUYLER, PA.				
7014	Mixed Chop, -----	M. E. Herr, Schuyler, -----	10.31	11.81	11.00
	HESPENHEIDE & THOMPSON, YORK, PA.				
6908	Corn and Oats Chop, -----	Gibbs Milling Co., Nanticoke.	11.17	10.00	9.50
	JONESTOWN ROLLER MILLS, ORANGEVILLE, PA.				
6542	Pure Corn and Oats Chop, -----	Jonestown Roller Mills, Orangeville.	11.07	10.63	10.00
	KEYSTONE FLOUR COMPANY, CLEARFIELD, PA.				
6097	Keystone Corn and Oats Chop, -----	Keystone Flour Company, Clearfield.	14.27	10.56	9.00
	D. F. KREBS, LEWISTOWN, PA.				
6067	Corn and Oats Chop, -----	D. F. Krebs, Lewistown, ...	11.21	10.44	10.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % Guaranteed	Fat		Fiber		Price per ton or cwt. \$	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Found %	Guaranteed	Found %	Guaranteed				
2.69			5.00		52.00		Corn and oats, -----	6865
4.22	4.00	6.95	9.00				Corn and oats, -----	6307
3.82	3.00	6.16	7.00	2.80	Corn and oats, -----		As certified, -----	6642
5.55	3.50	6.60	5.50	2.60	Ground corn and oats, -----		As certified, -----	7106
2.72	3.00	4.61	4.00	2.60			Corn and oats, -----	6068
3.72	3.50	4.96	11.00	2.80			Corn and oats, -----	6509
3.42	4.00	5.91	6.00	2.40	Corn and oats, -----		As certified, -----	7014
4.03	4.50	5.66	8.00	52.00	Ground corn and oats, -----		As certified, -----	6908
4.03	4.00	6.13	6.00	2.50			Corn and oats, -----	6542
1.04	3.00	3.85	6.00	2.50	Corn and oats, -----		As certified, -----	6097
4.00	4.00	5.94	6.00	2.60			Corn and oats, -----	6067

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	LINESVILLE MILLING CO., LINESVILLE, PA.				
6583	Pure Corn and Oats Chop, -----	Cochranton Cooperative Association, Cochranton.	% 12.11	% 10.25	% 9.00
	C. P. MAYS, COOPERSTOWN, PA.				
6644	Corn and Oats Chop, -----	C. P. Mays, Cooperstown,--	12.25	10.06	10.00
	MAZEPPA MILLING CO., LEWISBURG, PA.				
6616	Pure Corn and Oats Chop, -----	Mazeppa Milling Co., Lewisburg.	9.89	11.00	10.00
	MIDLAND MILLING & SUPPLY CO., MIDLAND, PA.				
7065	Pure Corn and Oats Chop, -----	Midland Milling & Supply Co., Midland.	9.77	10.88	10.00
	MONACA ROLLER MILLS, MONACA, PA.				
7062	Corn and Oats Chop, -----	Monaca Roller Mills, Monaca.	10.57	10.38	10.00
	MONTOUR MILLS, BLOOMSBURG, PA.				
7029	Pure Corn and Oats Chop, -----	Montour Mills, Bloomsburg,	10.35	11.25	9.00
	ORANGEVILLE MILLING CO., ORANGEVILLE, PA.				
7118	Pure Corn and Oats Chop, -----	Orangeville Milling Co., Orangeville.	9.56	10.81	9.00
	ORBISONIA ROLLER MILLS, ORBISONIA, PA.				
5984	Corn and Oats Chop, -----	Orbisonia Roller Mills, Orbisonia.	13.78	10.44	-----
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
6020	Corn and Oats Half and Half, -----	Charles G. Bolig, Northumberland.	10.10	11.00	10.00
6874	Corn and Oats Half and Half, -----	E. J. Rogers, Emporium, ---	10.22	11.63	10.00
6278	Corn and Oats Half and Half, -----	Shamokin Milling Co., Shamokin.	12.75	11.31	10.00
	PENNS CREEK ROLLER MILLS, COBURN, PA.				
6900	Corn and Oats Chop, -----	Penns Creek Roller Mills, Coburn.	9.21	10.75	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.87	3.50	5.87	10.00	\$ 2.45	Corn and oats, -----	As certified, -----	6583
4.07	4.00	5.98	6.00	2.75	Corn and oats, -----	As certified, -----	6644
4.21	4.00	5.51	6.00	2.50	-----	Corn and oats, -----	6616
3.53	4.00	6.93	6.00	2.65	Pure corn and oats chop, ---	As certified, -----	7065
3.94	4.00	4.82	6.00	2.60	Corn and oats chop, -----	As certified, -----	7062
3.91	3.00	4.67	7.00	2.75	-----	Corn and oats, -----	7029
4.04	6.00	5.54	9.00	2.50	-----	Corn and oats, -----	7118
3.60	-----	4.93	-----	2.70	-----	Corn and oats, -----	5984
4.63	1.50	7.21	8.00	2.35	-----	Corn and oats, -----	6020
3.87	1.50	7.44	8.00	-----	-----	Corn and oats, -----	6874
4.23	1.50	7.48	8.00	3.25	-----	Corn and oats, -----	6278
3.76	-----	6.56	-----	3.00	-----	Corn and oats, -----	6900

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	POR T ALLEGANY MILLING CO., POR T ALLEGANY, PA.				
6981	Pure Corn and Oat Feed, -----	Port Allegany Milling Co., Port Allegany.	12.17	10.63	9.50
	PRATT FOOD COMPANY, PHILA- DELPHIA, PA.				
6853	Pratt's Corn and Oats Chop, -----	Barnhart & Klingler, Butler,	9.74	10.81	9.00
6269	Pratt's Corn and Oats Chop, -----	Jaeob Lessig & Sons, Ash- land.	10.37	11.50	-----
	QUISENBERRY FEED MANUFACTUR- ING CO., BUFFALO, N. Y.				
6989	Quisenberry Quality Half and Half Corn and Oats Ground.	S. M. Griffith, Rossiter, ---	10.13	11.88	-----
7040	Quisenberry Quality Half and Half Corn and Oats Ground.	Kiser Feed Co., Grampion,--	9.56	11.63	-----
	SEES MILLING CO., INC., WIL- LIAMSPORT, PA.				
6084	Corn and Oats Chop, -----	Sees Milling Co., Williams- port.	11.04	11.44	-----
	W. S. SMITH, MT. PLEASANT MILLS, PA.				
6559	Pure Corn and Oats Chop, -----	W. S. Smith, Mt. Pleasant Mills.	11.60	11.00	12.00
	C. W. STEESE, LEWISBURG, PA.				
6607	Pure Corn and Oats Chop, -----	C. W. Steese, Lewisburg, ---	12.45	10.00	10.00
	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO				
6817	Camp's Corn and Oats Feed, -----	North & Rydbom, Glenn Campbell.	9.73	10.00	10.00
	TURNER BROTHERS, CAMBRIDGE SPRINGS, PA.				
5990	Pure Corn and Oats Chop, -----	Turner Brothers, Cambridge, Springs.	13.75	9.38	10.00
	TYRONE MILLING CO., TYRONE, PA.				
7176	Corn and Oats Chop, -----	Tyrone Milling Co., Tyrone,	11.69	10.75	10.00
	UNION CITY COOPERATIVE ASSO- CIATION, UNION CITY, PA.				
5992	Pure Corn and Oats Chop, -----	Union City Cooperative As- sociation, Union City.	13.57	9.50	10.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 4.03	Fat		Fiber		Price per ton or ewt. \$ 2.50	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed % 4.00	Found % 6.54	Guaranteed % 7.00	Found % 8.00				
3.92	3.50	6.82	8.00	2.85	Corn feed meal and ground oats.	As certified, -----	6853	
4.73	-----	7.81	-----	2.65	-----	Corn and oats, -----	6269	
4.91	-----	8.58	-----	2.90	-----	Corn and oats, -----	6989	
5.40	-----	7.37	-----	2.50	Half and half corn and oats ground.	As certified, -----	7040	
5.89	-----	6.32	-----	46.00	-----	Corn and oats, -----	6084	
3.70	3.00	7.80	10.00	2.60	-----	Corn and oats, -----	6559	
3.13	4.00	4.83	7.00	2.70	-----	Corn and oats, -----	6607	
4.53	4.00	8.81	8.00	3.25	-----	Corn and oats, -----	6817	
4.04	3.00	4.16	9.00	2.25	Corn and oats, -----	As certified, -----	5990	
4.04	4.00	6.07	8.00	46.00	Corn and oats chop, -----	As certified, -----	7176	
4.53	4.00	4.07	6.00	42.00	Corn and oats, -----	As certified, -----	5992	

TABLE III--ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
7089	WINFIELD MILLS, WINFIELD, PA. Corn and Oats Chop, -----	Winfield Mills, Winfield, -----	% 10.55	% 11.38	% 10.00
6549	C. R. ZECHMAN, POTTSGROVE, PA. Pure Corn and Oats Chop, -----	C. R. Zeehman, Pottsgrove, -----  Average, -----	11.60  11.11	10.94  10.58	10.00  -----
	<u>CHOP FEED</u>				
6162 6678	THE AKRON FEED & MILLING CO., AKRON, OHIO Ohio Chop Feed, ----- Ohio Chop Feed, -----	John Laehman, Braddock, New Florence Flour Mills, New Florence.	9.40 10.27	7.81 7.44	6.00 6.00
6866	EMPORIUM MILLING CO., EM- PORIUM, PA. Emporium Feed, -----	Emporium Milling Co., Em- porium.	10.12	9.38	7.63
6247	CLAYTON ETTERS, OAK HALL, PA. Choice Chop, -----	Clayton Etters, Oak Hall, --	12.47	10.75	8.00
6120	KASCO MILLS, INC., TOLEDO, OHIO Apex Special Chop, -----	Star Milling Co., Clymer, --	9.20	7.50	7.50
7051	Apex Special Chop Sugared, -----	Keystone Flour & Feed Co., Punxsutawney.	9.71	9.63	7.50
7022	MARITIME MILLING CO., INC., BUFFALO, N. Y. Bull Brand Chop Feed, -----	Ralph Fuller, Turbotville, --	8.09	10.06	9.00
7082	MARTINSBURG MILLING CO., MAR- TINSBURG, PA. Mixed Chop, -----	Martinsburg Milling -Co., Martinsburg.	8.12	9.44	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
% 4.26	% 4.00	% 5.37	% 6.00	\$ 2.30	-----	Corn and oats, -----	7089
3.77	4.00	6.19	6.00	2.75	-----	Corn and oats, -----	6549
3.95	-----	5.94	-----	52.19	-----	-----	-----
2.54 2.25	2.00 2.00	15.60 15.04	12.00 12.00	\$35.00 2.25	Either white or yellow shelled corn, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	As certified, ----- As certified, -----	6162 6678
3.27	2.97	10.46	9.00	48.00	Corn, hominy, oats, oat hulls, oat middlings.	As certified, -----	6866
3.82	2.00	8.20	11.00	2.60	Corn, oats, wheat bran, -----	Found also small amount of glumes from corn cob.	6247
2.32	2.50	12.60	12.10	2.25	Ground corn, corn feed meal, ground oats, oatmeal mill by-products (oat hulls, oat middlings, oat shorts), $\frac{3}{4}$ of 1% salt.	Found also calcium carbonate.	6120
3.56	3.00	9.60	12.00	2.25	Ground corn, corn feed meal, ground oats, oatmeal by-product (oat middlings, oat hulls, oat shorts), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, molasses.	Found also small amount ground screenings and unground weed seeds.	7051
3.79	3.00	12.73	12.00	2.25	Ground barley, crushed or ground oats, ground corn, oat hulls and oat shorts, $\frac{3}{4}$ of 1% salt.	Salt not detected, -----	7022
2.89	-----	13.41	-----	2.30	-----	Ear corn, oats, barley, bran and ground buckwheat.	7082

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE RICHARDS & EVANS CO., CORTLAND, OHIO				
6635	Richard's Special Chop, -----	Acme Milling Co., Cochran-ton.	% 11.75	% 7.88	% 8.00
6942	Richard's Special Chop, -----	R. S. Altman, Greensburg,--	9.17	7.31	9.00
6814	Richard's Special Chop, -----	Gates Granary, Kittanning,	10.26	8.00	8.00
7136	Richard's Special Chop, -----	Leap Brothers, Lilly, -----	8.86	9.44	9.00
6397	Richard's Special Chop, -----	Linus M. Lewis, Indiana, --	11.68	10.88	9.00
6946	Richard's Special Chop, -----	Evan H. McBroom, Derry,--	10.02	9.56	9.00
6104	Richard's Special Chop, -----	H. J. Mullany & Son, Du-Bois.	10.79	8.38	9.00
5958	Richard's Special Chop, -----	E. F. Spahr & Co., Roseoe,	9.32	8.69	9.00
5498	Richard's Special Chop, -----	E. F. Spahr & Co., Roseoe,	9.86	8.88	9.00
	I. J. ROHRBAUGH, BEECH CREEK, PA.				
6062	Higrade Chop, -----	L. H. Stephens, Beech Creek,	13.36	11.00	9.00
	THE TOLEDO GRAIN & MILLING CO, TOLEDO, OHIO				
6108	Camp's C. O. & B. Chop Feed, -----	DuBois Milling Co., DuBois,	10.50	9.38	9.00
6838	Camp's C. O. & B. Chop Feed, -----	Everett Electric Milling Co., Everett.	9.63	8.13	9.00
7007	Camp's C. O. & B. Chop Feed, -----	J. Harvey Miller, Ligonier,--	9.88	9.50	9.00
6821	Camp's C. O. & B. Chop Feed, -----	North & Rydbom, Glenn Campbell.	9.07	8.56	9.00
6109	Camp's Surprise Chop Feed, -----	DuBois Milling Co., DuBois,	11.73	9.31	8.00
	THE WADSWORTH FEED CO., WARREN, OHIO				
6238	Corn, Oats and Barley Chop, -----	George J. New's Sons, Blairs-ville.	11.81	8.94	10.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Guaranteed	Found				
3.77	3.50	10.52	12.00	48.00	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-products.	As certified, ----- 6635
3.62	3.00	13.45	12.00	2.25	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-products, salt.	As certified, ----- 6942
3.20	3.00	12.00	12.00	2.50	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat meal mill by-products (oat hulls, oat middlings, oat shorts), salt.	As certified, ----- 6814
3.48	3.00	13.88	12.00	48.00	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-product, barley, salt.	As certified, ----- 7136
3.46	3.00	8.37	12.00	2.25	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-products (oat hulls, oat middlings, oat shorts), salt.	Found also ground corn cockle. 6397
4.57	3.00	9.50	12.00	2.25		As certified, ----- 6946
3.36	3.00	11.70	12.00	1.95		As certified, ----- 6104
4.03	3.00	12.27	12.00	38.00		Found also buckwheat, 5958
3.50	3.00	12.70	12.00	36.90		As certified, ----- 6498
3.60	3.50	5.39	6.30	2.60	Corn, oats, wheat middlings and screenings.	As certified, ----- 6062
3.12	3.00	9.97	11.00	2.15	White or yellow corn, oats, barley, corn meal mill by-products (fine meal and siftings), oat meal by-products (oat groats, oat middlings and oat hulls), and $\frac{1}{2}$ of 1% fine salt.	Both white and yellow corn present. Found also small amount glumes from corn cob. 6108
2.66	3.00	11.10	11.00	2.60		As certified, ----- 6838
4.51	3.00	9.58	11.00	2.50		Yellow corn present, -- 7007
3.17	3.00	9.81	11.00	3.25		Yellow corn present, -- 6821
3.37	2.50	8.94	12.00	2.10		White and yellow corn present. Found also small amount glumes from corn cob. 6109
3.06	3.50	10.29	12.00	2.50	Corn, oats, barley, wheat bran, grain screenings, calcium carbonate, salt and molasses.	Barley and salt not detected. 6238

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
<u>MISCELLANEOUS FEED</u>					
7034	C. V. ADAMS, LANCASTER, PA. Adams' Pulverized and Bolted Flax Screenings.	Wolgemuth Brothers, Florin,	% 8.48	% 16.13	% 15.00
6907	S. W. BROWN BUTTERMILK CO., PHILADELPHIA, PA. Lactein, -----	Moyer & Son, Souderton, --	% 8.26	% 12.88	% 12.00
6858	COLLIS PRODUCTS CO., CLINTON, IOWA Collis Process Pure Dried Buttermilk,	H. J. Klingler Co., Butler,	% 8.89	% 32.13	% 30.00
6809	DAIRYMEN'S LEAGUE COOPERATIVE ASSOCIATION, INC., ADAMS, N. Y. Dairylea Powdered Skim Milk, -----	Mifflinburg Milling Co., Mifflinburg.	% 6.34	% 34.31	% 35.00
6430	S. T. EDWARDS & CO., INC., CHICAGO, ILL. Edwards Dried Buttermilk, -----	Moscow Milling Co., Moscow.	% 5.54	% 36.81	% 32.00
6387	THE FAIRMONT CREAMERY CO., GREEN BAY, WIS. Fairmont's Better Pure Flake Buttermilk.	O. S. Ebersole, Penbrook,--	% 5.00	% 35.25	% 32.00
6632	NEWSOME FEED & GRAIN COMPANY, PITTSBURGH, PA. Palmo Middlings, -----	Acme Milling Co., Coehran-ton.	% 7.93	% 15.44	% 16.00
6887	NORTHERN ILLINOIS CEREAL CO., LOCKPORT, ILL. Gold Medal Fine Feeding Oatmeal, ----	C. R. Misner, Newberry, ----	% 8.46	% 14.38	% 16.00
6593	PEERLESS DOG FOOD CO., BATTLE CREEK, MICH. Peerless Dog Food, -----	West Side Feed & Fuel Co., Erie.	% 10.00	% 16.28	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
10.60	8.50	9.71	14.00	\$ 40.50	Flax screenings cleaned for mustard.	As certified, -----	7034
1.55	1.50	-----	-----	4.75	Concentrated cultured buttermilk from which a portion of the whey has been removed.	As certified, -----	6907
5.87	5.00	-----	-----	-----	Pure dried buttermilk, -----	As certified, -----	6858
1.52	0.75	-----	-----	10.50	-----	Powdered skim milk, --	6809
5.87	4.00	-----	-----	200.00	Made from liquid buttermilk,	Dried buttermilk, -----	6420
7.05	6.00	0.22	-----	23.00	-----	Pure flake buttermilk,--	6387
11.93	7.00	7.16	9.00	40.00	Wheat middlings with ground screenings not exceeding mill run and palm oil.	As certified, -----	6632
6.29	7.00	4.47	3.00	70.00	-----	Feeding oat meal, -----	6887
2.05	-----	1.51	-----	5.50	-----	Meat, dried blood, bone, corn flakes and shredded wheat.	6593

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	STUHR-SEIDL COMPANY, MINNEAPOLIS, MINN.				
7071	Spenee Flaxeren Feed, -----	Robert Cook & Sons, Elver-	9.29	13.88	15.00
7080	Spenee Flaxeren Feed, -----	C. J. Miller, Calcium, -----	10.76	13.63	15.00
7070	Spenee Flaxeren Feed, -----	B. F. Sheesley, Harrisburg,	8.53	13.69	15.00
7177	Spenee Flaxeren Feed, -----	Tyrone Milling Co., Tyrone,	8.31	15.06	15.00
	SWIFT & COMPANY, ALMA, MICHIGAN				
6221	Swift's Dried Buttermilk, -----	Wayne Milling Co., Hones-	13.40	31.56	30.00
	THE WOOSTER FEED MANUFACTURING CO., WOOSTER, OHIO				
7153	Candied Copra, -----	E. L. Smith & Co., Union City.	17.08	9.98	10.00
	<u>PROPRIETARY POULTRY FEED</u>				
	<u>SCRATCH FEED</u>				
	THE AKRON FEED & MILLING CO., AKRON, OHIO				
6972	Ohio Scratch Feed, -----	Woodlawn Flour & Feed Co., Woodlawn.	11.04	10.06	10.00
	THE AMERICAN MILLING CO., PEORIA, ILL.				
6351	Ameo Tip Top Scratch Grains, -----	Adams County Farm Bureau, Gettysburg.	12.75	10.63	10.00
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
6210	Already Seratch Feed, -----	Wayne Milling Co., Hones-	13.75	10.06	10.00
6655	Golden Yolk Seratch Grains, -----	Reed Estate, Philipsburg, ---	11.90	9.88	10.00
6200	Wonder Seratch Grains, -----	C. J. Cleland, Pittsburgh,--	13.23	10.63	10.00
6212	Wonder Seratch Grains, -----	Wayne Milng Co., Hones-	11.93	10.56	10.00
	J. J. BADENOCH COMPANY, CHICAGO, ILL.				
6167	C-Er-Lay Seratch Feed, -----	A. W. Garvin, Pittsburgh,--	12.71	10.69	10.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber Guaranteed	Fiber Found	Fiber Guaranteed	Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
7.34	8.00	11.32	14.00	46.00	Choicee recleaned flax screenings, pulverized and bolted.	As certified, -----	7071
7.19	8.00	11.78	14.00	2.35		As certified, -----	7080
7.45	8.00	12.47	14.00	-----		As certified, -----	7070
9.84	8.00	12.87	14.00	48.00		As certified, -----	7177
6.58	1.00	0.16	3.00	250.00	Dried buttermilk, -----	As certified, -----	6221
1.84	2.00	4.31	5.00	48.50	Cocoanut oil cake meal and black strap molasses.	As certified, -----	7153
3.15	2.50	2.27	5.00	3.00	Corn, wheat, barley, buckwheat, sunflower seed and milo maize.	Sunflower seed not detected.	6972
2.88	2.50	2.11	5.00	55.00	Wheat, cracked corn, Kafir-milo, buckwheat, clipped barley and clipped oats.	As certified, -----	6351
2.77	2.50	2.55	5.00	50.00	Wheat, cracked corn, oats, barley, Kafir corn or milo maize, buckwheat, sunflower seed.	As certified, -----	6210
3.05	2.50	2.23	5.00	3.00	Wheat, cracked corn, Kafir corn or milo maize, barley, oats, buckwheat.	As certified, -----	6655
2.71	2.50	2.47	5.00	60.00	Wheat, cracked corn, Kafir corn or milo maize, barley, oats, buckwheat, sunflower seed.	Sunflower seed not detected.	6200
2.89	2.50	2.16	5.00	50.00		As certified, -----	6212
3.56	2.50	3.25	5.00	60.00	Wheat, cracked corn, Kafir corn, milo, barley, oats, sunflower seed and buckwheat.	As certified, -----	6167

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6357	Egspay Seratch Feed No Grit, -----	E. S. Kelly, Gettysburg, ---	12.05	11.50	10.00
6302	Sunflower Coarse Chick Feed, -----	C. P. Hoenninger, Laneaster.	11.72	10.31	10.00
6301	Sunflower Fine Chick Feed, -----	C. P. Hoenninger, Laneaster.	10.92	11.38	10.00
6639	Sunflower Seratch Feed, -----	Franklin Feed & Supply Co., Franklin.	12.91	10.13	10.00
6303	Sunflower Serateh Feed, -----	C. P. Hoenninger, Laneaster.	12.68	10.56	10.00
	WM. B. BARNITZ, CARLISLE, PA.				
6253	Cumberland Seratch Feed, -----	Wm. B. Barnitz, Carlisle, --	12.84	10.06	10.00
	BLACK ROCK MILLING CORPORATION, BUFFALO, N. Y.				
6022	Bidwell Seratch Feed, -----	Henry Gass Sons, Reading,--	12.93	10.44	10.00
	BLAMBERG BROTHERS, INC., BALTIMORE, MD.				
6389	Cornell Brand No. 4 Pigeon Feed, -----	O. S. Ebersole, Penbrook, --	12.14	12.56	13.50
	BLANK & GOTTSCHALL CO., INC., SUNBURY, PA.				
6132	Blue Ribbon Serateh Feed, -----	Western Feed Co., Wilkes-Barre.	13.15	11.00	10.00
	THE G. E. CONKEY CO., CLEVELAND, OHIO				
7133	Conkey's Geeeo Serateh Grains, -----	Engle's Mill, Inc., Hazleton,	12.03	10.81	10.50
6502	Conkey's Geeeo Serateh Grains, -----	Fayette Feed Co., Fayette City.	13.15	10.00	10.50
7132	Conkey's Growing Grains, -----	Engle's Mill, Inc., Hazleton,	11.45	11.00	13.00
6160	Conkey's Seratch Grains, -----	C. Beekert Co., Pittsburgh,	12.80	10.50	9.75
6503	Conkey's Seratch Grains, -----	Fayette Feed Co., Fayette City.	12.61	10.00	9.75
6370	Conkey's Serateh Grains, -----	F. E. Radaker, DuBois, ---	13.90	10.63	9.75
6075	Red Seal Serateh Feed, -----	E. George & Son, Spangler,	13.26	9.75	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.40	2.50	2.41	5.00	58.00	Wheat, cracked corn, Kaffir corn, milo, barley, oats, sunflower seed $\frac{1}{2}\%$ , and buckwheat.	As certified, -----	6357
2.88	2.00	1.63	5.00	-----	Wheat, cracked corn, Kaffir corn, milo, oat groats.	As certified, -----	6302
3.44	2.50	2.56	5.00	-----	Cracked wheat, cracked corn, cracked Kaffir corn, cracked milo, wheat and millet screenings.	As certified, -----	6301
3.75	2.50	3.12	5.00	3.20	Wheat, cracked corn, Kaffir corn, barley, oats, milo, sunflower seed and buckwheat.	As certified, -----	6639
3.10	2.50	2.42	5.00	-----	Wheat, cracked corn, Kaffir corn, barley, oats, milo, sunflower seed and buckwheat.	Sunflower seed not detected.	6303
3.04	2.50	2.89	4.00	2.60	Cracked corn, wheat, Kaffir corn or milo maize, barley, buckwheat and clipped oats.	As certified, -----	6253
3.32	1.50	2.45	5.00	2.75	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize, and sunflower seed.	As certified, -----	6022
3.24	2.60	3.11	4.30	85.00	Flint corn, Kaffir corn, milo maize, peas, millet, buckwheat, hulled oats, rice, vetch, hemp seed, wheat.	As certified, -----	6389
2.61	2.25	3.29	4.00	47.50	Cracked corn, wheat, Kaffir corn or milo maize, buckwheat, barley, sunflower seed, green peas (split).	Found also oats, -----	6132
2.46	2.50	2.62	3.00	58.00	Cracked corn, milo, wheat, barley, sunflower seed and buckwheat.	As certified, -----	7133
2.47	2.50	2.17	3.00	56.00	Cracked corn, milo, wheat, barley, sunflower seed and buckwheat.	As certified, -----	6502
3.16	2.50	1.78	2.00	65.00	Medium cracked corn, wheat and hulled oats.	Found also Kaffir corn and trace of kerosene.	7132
2.46	1.75	2.51	3.50	63.00	Wheat, cracked corn, buckwheat, barley, milo, sunflower seed.	As certified, -----	6160
2.45	1.75	2.59	3.50	60.00	Wheat, cracked corn, buckwheat, barley, milo, sunflower seed.	As certified, -----	6503
2.71	1.75	2.21	3.00	3.10	Wheat, cracked corn, Kaffir corn, barley, buckwheat and sunflower seed.	As certified, -----	6370
2.72	3.00	2.04	5.00	3.60	Cracked corn, buckwheat, milo or Kaffir corn, wheat, barley.	As certified, -----	6075

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y.				
6525	G. L. F. Chick Seratch, -----	H. B. Low & Son, Orangeville,	10.65	10.25	10.00
	DELAWARE MILLS, INC., DEPOSIT, N. Y.				
6204	Delaware Intermediate Chick Grains, --	G. Matter & Sons, Hawley,	13.37	10.00	10.00
6205	Delaware Scratches Grains, -----	G. Matter & Sons, Hawley,	13.56	9.88	10.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
6591	Dickinson's Globe Chick Seratch, -----	West Side Feed & Fuel Co., Erie.	11.75	11.31	10.00
6154	Dickinson's Globe Poultry Seratch, ----	A. Davidson Feed Co., McKeesport.	13.23	10.94	10.00
5960	Dickinson's Globe Poultry Seratch, ----	Fayette Feed Co., Fayette City.	11.63	10.75	10.00
	DIETRICH & GAMBRILL, INC., FREDERICK, MD.				
6274	Canton Seratch Feed, -----	J. M. Merwine Sons, Ashland.	14.47	10.06	10.00
7128	Gambrill's Pigeon Feed, -----	Engle's Mill, Inc., Hazleton,	11.05	13.13	13.00
	DIXIE MILLS CO., EAST ST. LOUIS, ILL.				
6037	Dixie Hen Feed, -----	Woodlawn Flour & Feed Co., Woodlawn.	11.50	10.88	10.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
6288	Eshelman's Chick Feed, -----	The Hex Milling Co., Shamokin.	11.78	11.56	10.00
6740	Eshelman's Chick Feed, -----	Speacht Brothers, Pottsville,	10.50	11.25	10.00
6667	Eshelman's Scratches Feed, -----	Harry T. McDevitt, Mendenhall.	11.67	10.31	10.00
6275	Eshelman's Special Pigeon Feed, -----	J. M. Merwine Sons, Ashland.	12.14	13.81	10.00
6738	Imperial Seratch Feed, -----	Speacht Brothers, Pottsville,	11.55	9.56	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 2.03	Fat		Fiber		Price per ton or cwt. \$ 3.00	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed % 2.50	Found % 1.48	Guaranteed % 3.60	Found % 5.00				
2.73	2.00	2.12	5.00	58.00	Cracked corn, wheat, Kaffir corn, oat groats, hulled barley, buckwheat.	Cracked corn, fine ground cracked wheat.	As certified, -----	6525
2.59	2.50	2.72	5.00	54.00	Wheat, barley, cracked corn, buckwheat, milo maize, Kaffir corn, sunflower seed.	As certified, -----	6204	
2.58	2.50	1.89	3.75	3.50	Corn, wheat, Kaffir, hulled oats, millet.	As certified, -----	6591	
2.82	2.50	2.59	3.75	60.00	Corn, wheat, barley, Kaffir, buckwheat, $\frac{1}{2}$ of 1% sunflower.	Found also oats, -----	6154	
3.53	2.50	2.95	3.75	53.00	As certified, -----	Found also oats, -----	5960	
2.64	3.00	2.05	6.00	2.40	Cracked corn, wheat, barley, oats, recleaned grain screenings from wheat, Kaffir corn, buckwheat.	As certified, -----	6274	
2.95	3.00	3.33	4.00	72.00	Canada peas, Argentine corn, wheat, milo maize, Kaffir corn, buckwheat, millet, hemp seed.	As certified, -----	7128	
3.21	3.00	2.58	5.00	3.00	Wheat, corn, Kaffir corn, milo maize, barley, oats, buckwheat, sunflower seed.	As certified, -----	6037	
3.61	3.00	2.50	3.00	3.25	Cracked corn, cracked wheat, cracked Kaffir corn, oat groats, 1% millet.	As certified, -----	6288	
3.94	3.00	1.93	3.00	3.75	As certified, -----	6740		
2.83	2.50	3.17	4.00	3.00	Cracked corn, wheat, barley, buckwheat, Kaffir corn, $\frac{1}{2}$ % sunflower seed.	As certified, -----	6667	
3.13	3.00	3.56	3.00	3.60	Wheat, Kaffir corn, peas, oat groats, buckwheat, hemp, 1% millet.	As certified, -----	6275	
3.04	2.50	3.11	4.00	3.40	Cracked corn, barley, wheat, buckwheat, Kaffir corn, $\frac{1}{2}$ % sunflower seed.	As certified, -----	6738	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6289	Pennsy Seratch Feed, -----	A. L. Herr & Brothers, Quarryville.	% 11.18	% 9.56	% 9.00
6737	Pennsy Seratch Feed, -----	Speacht Brothers, Pottsville,	10.23	10.19	9.00
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
6101	Grandin Screened Seratch Feed, -----	A. T. Sprankle, DuBois, ----	13.32	10.81	10.00
	HALES & HUNTER CO., CHICAGO, ILL.				
6173	Red Comb Seratch Feed, -----	Wm. Fiseher Sons, Pittsburgh.	13.40	10.44	10.00
	HARPER GRAIN CO., PITTSBURGH, PA.				
6554	Harper's Select Seratch Grains, -----	Hedge & Mikesell, Scenery Hill.	13.31	10.81	9.50
	HESPENHEIDE & THOMPSON, YORK, PA.				
6911	Premier Seratch Feed, -----	Gibbs Milling Co., Nanticoke.	11.40	11.31	10.00
	HOFFER & GARMAN, INC., HARRISBURG, PA.				
6391	La-O-La Seratch, -----	Hoffer & Garman, Inc., Harrisburg.	13.95	10.25	9-12
	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL.				
6372	Daily Need Seratch Feed, -----	Goss Brothers, Alexandria,--	12.65	10.63	9.00
	KASCO MILLS, INC., WAVERLY, N. Y.				
6573	Apex Chick Grains, -----	Robert E. Zigenfuss, Northampton.	12.82	10.25	10.00
6187	Apex Seratch Grains, -----	Jeffrey's Brothers, McKeesport.	13.50	10.00	10.00
6117	Oe-Sak Seratch Grains, -----	Star Milling Co., Clymer, --	12.05	10.94	10.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or etw. \$	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed	Found				
2.71	2.50	2.51	4.00	Cracked corn, barley, wheat, buckwheat, Kaffir corn, oats.	As certified, -----	6289
2.92	2.50	2.90	4.00	3.25	As certified, -----	6737
2.92	2.50	2.91	5.00	2.75 Wheat, cracked corn, Kaffir corn, milo maize, barley, buckwheat and sunflower seed.	As certified, -----	6101
3.50	2.50	2.86	5.00	56.00 Wheat, cracked corn, Kaffir corn, barley, oats, sun- flower seed, buckwheat.	As certified, -----	6173
2.50	2.50	2.57	5.00	60.00 Wheat, cracked corn, barley, buckwheat, milo, sunflower seed.	As certified, -----	6554
2.58	3.00	3.08	4.00	55.00 Cracked corn, Kaffir corn, buckwheat, barley and sun- flower seed, wheat. (No grit or shell.)	As certified, -----	6911
2.61	3-6	2.91	2.75 to 3.50	57.00 Cracked corn, buckwheat, oats, Kaffir corn, barley, sunflower seed, wheat.	As certified, -----	6391
3.37	2.50	2.14	4.00	2.90 Cracked corn, wheat, barley, buckwheat, oats, sunflower seed, milo.	As certified, -----	6372
3.93	2.50	1.55	4.00	3.30 Cracked wheat, cracked corn, steel cut oats.	As certified, -----	6573
3.56	2.50	2.98	4.00	50.00 Cracked corn, wheat, barley, buckwheat, Kaffir corn or milo maize, sunflower seed.	As certified, -----	6187
3.16	2.50	3.01	4.00	2.75 Wheat, cracked corn, buck- wheat, oats, barley, Kaffir corn, milo maize.	As certified, -----	6117

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	LADISH MILLING CO., MILWAUKEE, WIS.		%	%	%
6031	Special Seratch Feed, -----	J. H. Figley, New Sheffield,	13.62	9.94	9.00
6032	True Value Seratch Feed, -----	J. H. Figley, New Sheffield,	13.66	10.69	10.00
	LINESVILLE MILLING CO., LINESVILLE, PA.				
6895	Russel's A-1 Poultry Grains, -----	F. L. Heath, Corry, -----	11.54	11.88	10.00
	MARITIME MILLING COMPANY, INC., BUFFALO, N. Y.				
6323	Daisy Chick Feed, -----	Chambersburg Grain Company, Chambersburg.	9.95	10.50	10.00
	MAUSER MILL CO., PALMERTON, PA.				
6047	Mauser's Hen Food, -----	Mauser Mill Co., Palmerton,	13.61	10.19	9.00
	NOWAK MILLING CORPORATION, HAMMOND, IND.				
6388	Domino Development Feed, -----	O. S. Ebersole, Penbrook,--	12.50	11.69	10.00
6188	Domino Seratch Feed, -----	Glassport Feed Co., Glassport.	12.74	11.44	10.00
6183 6669	Marathon Seratch Feed, ----- Marathon Seratch Feed, -----	A. P. Berg, Versailles, --- H. Schmaltz & Co., Kennett Square.	11.66 10.99	10.56 10.31	10.00 10.00
	OWINGS BROTHERS, YORK, PA.				
6373	June Bug Seratch Feed, -----	Owings Brothers, York, ----	13.81	10.56	9.00
	PARK & POLLARD CO., BUFFALO, N. Y.				
6282	Baby Buster Chick Feed, -----	Shamokin Milling Co., Shamokin,	13.57	12.38	10.00
6111	Baby Buster Chick Feed, -----	Union Roller Mills, Hamburg.	10.90	12.88	10.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.10	2.50	2.53	6.00	2.55	Cracked corn, wheat, barley, milo maize, Kaffir corn and buckwheat.	As certified, -----	6031
3.00	3.00	2.74	5.00	2.85	Cracked corn, barley, Kaffir corn, milo maize, wheat, buckwheat and sunflower seed.	As certified, -----	6032
4.38	2.50	2.06	5.00	2.75	Cracked corn, wheat, buckwheat, barley, Kaffir corn.	Buckwheat and barley not detected.	6895
1.84	2.00	1.40	4.00	-----	Cracked corn, cracked milo and Kaffir, cracked wheat, cut oat meal, and millet.	As certified, -----	6323
3.04	2.00	3.02	3.00	2.80	Pure cracked corn, oats, wheat, barley, Kaffir corn, buckwheat, sunflower seed.	As certified, -----	6047
3.47	2.50	2.59	5.00	64.00	Cracked corn, cracked peas, milo maize, buckwheat and wheat.	As certified, -----	6388
2.36	2.50	3.20	5.00	60.50	Cracked corn, whole wheat, milo maize, whole barley, buckwheat, split green peas, sunflower seed.	As certified, -----	6188
2.90 2.50	2.50 3.00	2.85 2.14	5.00	45.25 3.00	{Wheat, milo maize, cracked corn, barley, buckwheat and sunflower seed.	Found also oats, ----- Sunflower seed not detected.	6183 6669
3.32	5.00	3.05	4.00	45.00	Wheat, cracked corn, Kaffir corn, barley, oats, buckwheat, sunflower seed.	As certified, -----	6373
2.84	2.00	1.77	5.00	4.00	Cracked corn, wheat, Kaffir corn, milo maize, oats, whole millet seed and shredded fish.	As certified, -----	6282
3.43	2.00	1.73	5.00	3.75	{	Found also barley, ----	6111

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6658	Intermediate Chick Feed, -----	Reed Estate, Philipsburg, ---	% 10.10	% 10.75	% 10.00
6049	Red Ribbon Chick Feed, -----	Mauser Mill Co., Palmerton,	13.28	11.19	10.00
6017	Red Ribbon Scratch Feed, -----  THE PHILADELPHIA SEED CO., INC., PHILADELPHIA, PA.	Charles G. Bolig, Northum- berland.	11.87	10.63	10.00
7131	Purgrain Breeding Feed, -----	Engle's Mill, Inc., Hazleton,	11.73	13.50	13.50
7130	Purgrain Special Racing Feed, -----  PRATT FOOD COMPANY, PHILA- DELPHIA, PA.	Engle's Mill, Inc., Hazleton,	12.66	18.00	18.00
6265	Pratt's Supreme Large Scratch Feed, --	Jaeob Lessig & Sons, Ash- land.	12.27	11.94	10.00
6264	Pratt's Supreme Pigeon Feed, -----	Jacob Lessig & Sons, Ash- land.	11.75	13.50	10.00
6766	Pratt's Supreme Pigeon Feed, -----	J. Frank McCall Sons, Ches- ter.	10.59	13.44	10.00
6266	Pratt's Victory Chick Scratch Feed, --	Jaeob Lessig & Sons, Ash- land.	12.08	11.13	10.00
7063	Pratt's Victory Large Scratch Feed, --	Monaea Roller Mills, Monaea,	10.55	11.13	10.00
	THE QUAKER OATS CO., CHI- CAGO, ILL.				
6027	Early Bird Seratch Grains, -----	David R. Diehl, Weissport,--	11.98	9.88	9.50
7158	Early Bird Seratch Grains, -----	W. W. Lauderburn, Weiss- port.	10.90	11.75	9.50
6731	Quaker Ful-O-Pep Coarse Chick Feed,--	Ash Brothers, Briar Creek,--	10.70	10.94	10.00
6730	Quaker Ful-O-Pep Fine Chick Feed, ----	Ash Brothers, Briar Creek,--	11.71	11.69	11.00
6172	Quaker Ful-O-Pep Scratch Feed, -----	Wm. Fischer Sons, Pitts- burgh.	10.26	11.13	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
3.20	1.50	2.54	5.00	\$ 3.60	Cracked corn, hulled barley, wheat, buckwheat, hulled oats, Kaffir corn and milo maize.	As certified, -----	6658	
3.26	2.00	1.86	5.00	2.90	Cracked corn, wheat, oats, Kaffir corn, milo and whole millet seed.	As certified, -----	6049	
2.92	1.50	2.27	5.00	2.75	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize and sunflower seed.	As certified, -----	6017	
4.44	2.50	3.30	4.00	92.00	Argentine corn, hard wheat, buckwheat, Kaffir, hulled oats, hemp, Canada peas, maple peas and vetches.	As certified, -----	7131	
2.29	1.50	3.57	4.50	92.00	Canada peas, vetch, Argentine corn and maple peas.	As certified, -----	7130	
2.81	2.50	2.45	5.00	3.50	Wheat, cracked corn, oat groats, Kaffir, milo, buckwheat, sunflower seed.	As certified, -----	6265	
2.84	2.50	2.93	5.00	4.25	Wheat, milo, buckwheat, Canadian peas, hemp, millet and Kaffir.	As certified, -----	6264	
2.79	2.50	3.30	5.00	4.30		As certified, -----	6766	
2.26	2.50	1.75	5.00	4.10	Wheat, cracked corn, steel cut oats, cracked milo, cracked Kaffir, cracked peas.	As certified, -----	6266	
3.15	2.50	2.70	5.00	2.90	Cracked corn, wheat, milo, Kaffir, barley, buckwheat, sunflower seed.	As certified, -----	7033	
3.47	2.00	2.57	3.50	54.00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	6027	
3.15	2.00	2.97	3.50	2.85		Found also oats, -----	7158	
3.06	2.00	2.46	2.50	3.70	Cracked corn, whole wheat, whole milo maize, whole Kaffir corn, oat groats, buckwheat.	As certified, -----	6731	
3.23	2.50	1.75	2.00	4.00	Cracked corn, cracked wheat, cut oat groats, millet seed.	As certified, -----	6730	
3.22	2.00	2.80	3.00	56.00	Cracked corn, whole wheat, whole Kaffir corn, wheat, milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	6172	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6014	Quaker Ful-O-Pep Scratch Grains, -----	Northumberland Milling Co., Northumberland.	12.75	10.44	9.00
6729	Schumacher Little Chick Feed No Grit,	Ash Brothers, Briar Creek,	12.36	11.25	10.00
6255	Schumacher Little Chick Feed No Grit,	M. C. Deitz's Sons, Mechanicsburg.	11.55	10.63	10.00
6617	Schumacher Little Chick Feed No Grit,	Mazeppa Milling Co., Lewisburg.	11.20	10.50	10.00
6479	Schumacher Scratch Grains, -----	W. J. Haid, Gallitzin, -----	12.38	11.00	10.00
QUISENBERRY FEED MANUFACTURING CO., BUFFALO, N. Y.					
6518	Quisenberry Quality Husky Chick Scratch Grain, Coarse.	H. B. Low & Son, Orangeville.	11.98	11.06	10.00
6517	Quisenberry Quality Husky Chick Scratch Grains, Fine	H. B. Low & Son, Orangeville.	11.35	10.50	10.00
6521	Quisenberry Quality More Egg Scratch,	H. B. Low & Son, Orangeville.	10.20	10.00	10.00
RALSTON PURINA CO., INC., ST. LOUIS, MO.					
6570	Purina Baby Chick Chow, -----	Geo. M. Witmer's Sons, Selinsgrove.	12.02	11.56	10.00
6379	Purina Hen Chow, -----	D. E. Horn & Co., York,	13.55	11.25	10.00
6197	Purina Hen Chow, -----	Knabe Brothers, Turtle Creek.	11.44	10.75	10.00
6905	Purina Hen Chow, -----	C. H. Lenhart, West Leesport.	10.84	10.94	10.00
6619	Purina Hen Chow, -----	Ridgway Grist Mills, Ridgway.	10.50	11.13	10.00
7148	Purina Hen Chow, -----	A. F. Stutzman & Son, Johnstown.	11.27	10.81	10.00
6078	Purina Hen Chow, -----	Tri-County Wholesale, Barnesboro.	13.25	10.56	10.00
7068	Purina Intermediate Hen Chow Feed, -----	Sterling Feed Co., Butler, ..	10.97	11.00	10.00
RICHARDS & EVANS CO., CORTLAND, OHIO					
6848	Cortland Scratch Grains, -----	Petersburg Milling Co., Bessemer.	11.15	9.56	9.00
6630	Richard's Baby Chick Feed, -----	A. D. Davenport, Meadville,	13.12	10.50	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
% 3.12	% 2.00	% 2.12	% 3.50	\$ 3.00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	6014
2.41 2.70 2.63	2.00 2.00 2.00	1.98 1.55 2.00	2.00 2.00 2.00	3.85 ----- 3.40	Cracked corn, cracked wheat, cracked Kaffir corn, cracked milo maize, cut oat groats and millet seed.	As certified, ----- As certified, ----- As certified, -----	6729 6255 6617
2.64	2.00	2.74	3.50	60.00	Cracked corn, whole barley, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed, Kaffir corn.	Found also oats, -----	6479
3.23	2.50	2.30	3.50	3.15	Cracked corn, Kaffir corn, milo maize, buckwheat, wheat.	As certified, -----	6518
2.41	2.50	1.47	3.50	3.35	Cracked corn, cracked wheat, cracked Kaffir, cracked milo maize, steel cut oats.	As certified, -----	6517
2.76	2.50	2.51	3.50	2.90	Wheat, cracked corn, milo maize, Kaffir corn, barley, buckwheat, and sunflower seed.	As certified, -----	6521
3.11	2.50	2.26	3.00	3.60	Wheat, corn, Kaffir, milo and millet seed, steel cut oat groats.	As certified, -----	6570
3.18 3.38 3.64	2.50 2.50 2.50	2.92 3.17 3.21	4.00 4.00 4.00	65.00 67.00 3.00	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower seed.	As certified, ----- As certified, ----- As certified, -----	6379 6197 6905
3.63	2.00	2.69	4.00	3.25		As certified, -----	6619
2.99	2.50	2.73	4.00	2.90		As certified, -----	7148
3.76	2.50	2.75	4.00	59.00		As certified, -----	6078
2.90	2.50	2.30	4.00	3.50	Wheat, corn, Kaffir, milo, buckwheat, oat groats.	As certified, -----	7068
2.69	2.50	2.04	6.00	2.85	Wheat, cracked corn, barley, buckwheat and milo maize.	Barley not detected. Found also oats.	6848
3.75	2.50	2.41	6.00	3.00	Millet, cut wheat, cut oat groats, cracked corn, cracked milo maize.	As certified, -----	6630

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5957 7145	Richard's Scratch Grains, ----- Richard's Scratch Grains, -----  SHAMOKIN MILLING CO., SHA-MOKIN, PA.	E. F. Spahr & Co., Roscoe, A. F. Stutzman & Son, Johnstown.	12.43 12.62	11.00 11.81	9.00 9.00
6276	Golden Egg Hen Food, -----  D. A. STICKELL & SONS, INC. HAGERSTOWN, MD.	Shamokin Milling Co., Shamokin.	12.70	10.38	9.00
6977	Blue Ridge Scratch Grains, -----	J. M. Kershner, Shoemakersville.	12.09	10.63	10.00
6912	Su-Pur Scratch Grains, -----	Gibbs Milling Co., Nanticoke.	10.29	10.50	10.00
6461	Vietor Scratch Grains, -----  R. F. SWARTZ, BOWMANSTOWN, PA.	C. S. Johnson, Warfordsburg.	11.75	10.50	10.00
6316	Swartz's Quality Scratch Feed, -----  TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.	R. F. Swartz, Bowmanstown.	13.52	10.56	9.00
6531	Derby Scratch Feed, -----	Neil S. Harrison, Forks, ---	11.30	10.13	9.00
6534	F-Gee Chick Grains, -----	Neil S. Harrison, Forks, ---	11.51	10.19	10.00
7031	Ti-O-Ga Growing Grains, -----	Davenport Mills, Bloomsburg.	8.87	11.94	10.00
6528	Ti-O-Ga Growing Grains, -----	Neil S. Harrison, Forks, ---	11.89	10.69	10.00
	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO				
6839	Clover Leaf Scratch Feed, -----	Everett Electric Milling Co., Everett.	10.24	10.94	10.00
	UBIKO MILLING CO., CINCINNATI, OHIO				
6798	Ubiko Scratch Feed, -----	W. W. Kalb, Sunbury, ----	11.42	11.06	9.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found	Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
3.01 2.32	2.50 2.50	2.28 2.69	6.00 6.00	\$ 53.00 2.75		Wheat, cracked corn, buckwheat, sunflower seed and milo maize.	As certified, ----- As certified, -----	5957 7145
3.22	3.00	2.24	2.50	3.10		Wheat, buckwheat, Kafir corn, cracked corn, oats.	As certified, -----	6276
2.63	2.50	3.03	5.00	3.00		Wheat, buckwheat, barley, milo maize, Indian corn, Kafir corn, sunflower seed.	As certified, -----	6977
2.89	2.50	3.25	5.00	57.00		Wheat, buckwheat, barley, milo maize, Indian corn, Kafir corn, sunflower seed.	Found also oats, -----	6912
2.72	2.50	2.70	5.00	2.90		Wheat, buckwheat, barley, milo maize, Indian corn, Kafir corn, sunflower seed.	As certified, -----	6461
2.69	1.50	2.62	3.00	2.90		Cracked corn, wheat, buckwheat, barley, oats, sunflower seed.	Sunflower seed not detected.	6316
2.58	2.04	2.90	4.50	3.25		Cracked corn, barley, wheat, buckwheat, oats.	As certified, -----	6331
3.00	3.00	1.94	3.50	4.00		Oatmeal, cracked wheat, cracked corn, millet.	As certified, -----	6534
3.48	2.50	1.87	4.00	3.50		Oat groats, wheat, cracked corn.	As certified, -----	7031
3.38	2.50	2.05	4.00	4.00			As certified, -----	6528
3.05	2.50	2.80	5.00	3.00		Cracked corn, whole wheat, Kafir corn, barley, oats, buckwheat and sunflower seed.	As certified, -----	6839
3.02	2.50	3.05	5.00	3.00		Corn, wheat, barley, buckwheat, Kafir corn and sunflower seed.	As certified, -----	6798

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
6797	Wildeat Scratch Feed, -----	W. W. Kalb, Sunbury, -----	% 11.23	% 10.50	% 9.00
	VITALITY MILLS, INC., CHICAGO, ILL.				
5966	Advancee Scratch, -----	J. B. Hayward & Son, Mo- nongahela.	10.95	10.13	10.00
	WASHBURN-CROSBY CO., MINNE- APOLIS, MINN.				
6501	North Star Scratch Feed, -----	National Flour & Feed, Fay- ette City.	12.19	11.38	10.00
6924	Washburn's Gold Medal Chick Feed, ---	J. B. Anderson Son, Shick- shinny.	10.38	13.19	10.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
6544	Jumbo Scratch Feed, -----	Jonestown Roller Mills, Orangeville.	11.95	9.69	9.00
6916	Wayne Poultry Developer, -----	Gibbs Milling Co., Nanti- coke.	11.03	10.50	10.00
6958	Wayne Universal Chick Feed, -----	W. Cornell & Son, Bagga- ley.	10.50	11.25	9.00
6543	Wayne Universal Chick Feed, -----	Jonestown Roller Mills, Orangeville.	11.89	10.19	9.00
6851	Wayne Universal Scratch Feed, -----	G. E. Rapp, Ellwood City,--	11.28	9.75	10.00
<u>MASH FEED</u>					
	AMERICAN MILLING CO., PEORIA, ILL.				
6349	Ameo Egg Mash, -----	Adams County Farm Bu- reau, Gettysburg.	10.18	20.00	20.00
7011	Ameo Egg Mash, -----	L. W. Mong, Seneca, -----	9.51	21.63	20.00
6684	Ameo Egg Mash, -----	Grant Pearce, Home, -----	9.96	20.94	20.00
6847	Ameo Laying Mash with Alfalfa Leaf Meal.	Peter Shaffer & Sons, New Brighton.	8.77	18.69	19.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
3.41	2.50	4.59	5.00	\$ 3.00	Corn, wheat, barley, oats, Kaffir corn and sunflower seed.	As certified, -----	6797
2.89	2.00	2.12	6.00	55.00	Sifted cracked corn, wheat, Kaffir, oats, barley and buckwheat.	As certified, -----	5966
3.03	2.50	2.96	5.00	54.00	Cracked corn, buckwheat, barley, wheat, sunflower seed, Kaffir and milo.	As certified, -----	6501
2.99	2.50	2.08	5.00	72.00	Cracked wheat, cracked corn, cracked Kaffir and milo, steel cut oats and millet.	As certified, -----	6924
3.01	3.00	2.49	5.00	2.60	Wheat, corn, barley, oats, Kaffir, milo, buckwheat.	As certified, -----	6544
2.64	2.50	2.67	5.00	65.00	Wheat, cracked corn, Kaffir, milo, millet, buckwheat.	As certified, -----	6916
2.81	2.50	1.81	5.00	3.25	Wheat, corn, Kaffir, milo and millet.	As certified, -----	6958
2.50	2.50	1.35	5.00	3.00		As certified, -----	6543
3.01	3.00	2.59	5.00	3.00	Cracked corn, wheat, barley, Kaffir, milo, oats, buckwheat, 1% sunflower seed.	As certified, -----	6851
5.82	4.00	4.91	7.00	58.00	Meat seraps, wheat flour middlings, heavy, fine ground low fiber oats, corn meal, wheat standard middlings, wheat standard bran, salt.	As certified, -----	6349
5.87	4.00	5.38	7.00	2.78		Found also rye, -----	7011
5.26	4.00	4.09	7.00	2.90		As certified, -----	6684
4.87	4.00	7.11	7.00	3.25	Alfalfa leaf meal, dried buttermilk and dried skim milk, meat seraps—55.60%, wheat flour middlings, heavy, fine ground low fiber oats, corn meal, wheat standard middlings, wheat standard bran, ground limestone, salt.	As certified, -----	6847

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6348	Amco Starting and Growing Mash with Dried Buttermilk.	Adams County Farm Bureau, Gettysburg.	% 9.89	% 17.69	% 17.00
6692	Amco Starting and Growing Mash with Dried Buttermilk.	Frank Wetzell, Marion Center.	% 9.79	% 17.19	% 17.00
	GEORGE M. ANTHONY, STRAUSS-TOWN, PA.				
6860	Anthony's Chick Starter, -----	George M. Anthony, Strauss-town.	9.60	14.13	14.00
6861	Anthony's Growing Mash, -----	George M. Anthony, Strauss-town.	9.40	14.44	15.00
6862	Anthony's Laying Mash, -----	George M. Anthony, Strauss-town.	8.21	18.69	19.00
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
6825	Already Besbet Laying Mash, -----	A. S. Bowser, Kittanning,--	8.15	20.44	20.00
7001	Wonder Laying Mash, -----	N. M. Weller, Ligonier, ---	8.46	20.38	20.00
6826	Wonder Starting Mash, -----	A. S. Bowser, Kittanning, --	8.16	14.31	13.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
5.04	3.50	4.89	6.00	65.00	Dried buttermilk and dried skim milk, meat scraps, wheat flour middlings, heavy fine ground low fiber oats, corn meal, wheat standard bran, bone meal —steamed, salt.	Salt not detected, -----	6348
4.99	3.50	5.27	6.00	3.55		As certified, -----	6602
4.35	4.50	5.30	5.00	4.75	Wheat bran, wheat middlings, hulled oats, corn meal, alfalfa leaf meal, 25% fiber extracted, bone meal, grit, oyster shells, cod liver oil, charcoal, salt and dried buttermilk.	As certified, -----	6860
4.84	3.50	6.54	5.50	3.50	Wheat bran, wheat middlings, ground oats, corn meal, bone meal, grit, oyster shells, charcoal, salt, beef scrap, alfalfa leaf meal, 25% fiber extracted, cod liver oil.	As certified, -----	6861
4.80	3.00	5.68	5.50	3.10	Wheat bran, wheat middlings, ground oats, corn meal, gluten feed, alfalfa meal, 25% fiber extracted, beef scrap, bone meal, grit, oyster shell, charcoal and salt.	As certified, -----	6862
4.00	4.00	5.51	9.00	3.50	Meat scraps, corn feed meal, corn gluten feed, alfalfa meal, O. P. linseed oil meal, wheat bran, wheat middlings, bone meal, calcium carbonate from limestone, $\frac{1}{2}$ of 1% salt, oat meal, dried buttermilk.	As certified, -----	6825
4.76	4.50	7.00	8.00	3.65	Meat scraps, corn gluten feed, wheat bran, wheat middlings, oatmeal, alfalfa meal, corn feed meal, O. P. linseed oil meal, bone meal, dried buttermilk, calcium carbonate from limestone, $\frac{1}{2}$ of 1% salt.	As certified, -----	7001
4.42	3.50	5.18	5.00	4.75	Ground oat groats, steel cut oat groats, dried buttermilk, ground meat scraps, ground fish scraps, wheat middlings, wheat flour, corn meal, corn feed meal, alfalfa meal, bone meal, O. P. linseed oil meal, dried yeast, calcium carbonate from limestone.	Found also salt and wheat bran.	6826

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6360	J. J. BADENOCH COMPANY, CHICAGO, ILL. Badenoeh's Baby Chick Starter, -----	E. S. Kelly, Gettysburg, ----	% 11.80	% 15.38	% 15.00
6300	Sunflower Egg Mash, -----	O. P. Hoenninger, Lancaster.	8.38	14.56	20.00
6254	WM. B. BARNITZ, CARLISLE, PA. Cumberland Laying Mash, -----	Wm. B. Barnitz, Carlisle, ..	9.12	17.25	18.00
6876	C. R. BERGER, TROUT RUN, PA. Berger's Egg Producer, -----	C. R. Berger, Trout Run, ..	9.45	21.50	20.00
6385	BLANK & GOTTSALL CO., INC., SUNBURY, PA.	Paxton Flour & Feed Co., Harrisburg.	11.23	18.06	18.00
6133	B & G Laying Mash with Buttermilk,	Western Feed Co., Wilkes-Barre.	9.86	17.75	18.00
6561	BOYER FEED CO., PAXTONVILLE, PA.	W. S. Smith, Mt. Pleasant Mills.	10.05	19.00	18.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
4.78	4.00	4.72	5.00	\$89.00	Cod liver oil, cod liver meal, ground meat scraps and bone meal, dried buttermilk, fish meal, alfalfa meal, wheat flour, wheat middlings, corn meal, ground oats, ground oat groats, old process linseed oil meal, Mineral Mixture 2% (Mineral Mixture contains 52 parts calcium carbonate from limestone, 35 parts steamed bone meal, 10 parts salt, 3 parts iron oxide and .035% potassium iodide).	As certified, ----- 6360
4.99	4.50	7.96	8.00	-----	Ground meat scraps, dried buttermilk, bone meal, wheat bran, wheat middlings, alfalfa meal, corn feed meal, ground oats, ground barley, O. P. linseed oil meal, corn gluten feed, calcium carbonate from limestone, salt.	As certified, ----- 6300
4.90	4.50	6.23	10.00	2.90	Dried buttermilk, meat scraps, wheat bran, wheat middlings, ground clipped oats, ground corn, alfalfa meal, poultry bone meal, charcoal, calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, ----- 6254
5.87	5.50	6.33	8.00	62.00	Corn meal, ground oats, wheat bran, wheat middlings, meat scrap.	As certified, ----- 6876
5.00	5.00	7.06	6.50	58.00	Corn feed meal, fine ground feeding oat meal, corn gluten feed, wheat bran, wheat middlings, alfalfa meal, linseed meal, meat scrap, charcoal, salt, calcium carbonate and dried buttermilk.	As certified, ----- 6385
5.63	5.00	7.07	6.50	56.00		As certified, ----- 6133
6.00	4.00	9.03	8.00	3.10	Ground corn and oats, wheat bran, wheat middlings, beef scrap, fish meal, oil meal, alfalfa meal, charcoal, calcium carbonate and $\frac{1}{2}$ salt.	Found also bone, ----- 6561

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6324	CHAMBERSBURG GRAIN CO., CHAMBERSBURG, PA. W. D. Oberec Laying Mash, -----	Chambersburg Grain Co., Chambersburg.	% 8.37	% 19.94	% 17.00
6353	CHAPIN & COMPANY, CHICAGO, ILL. Unieorn Egg Mash with Buttermilk, ---	C. M. Wolf, Gettysburg, ---	% 7.90	% 21.06	% 20.00
6090	G. E. CONKEY COMPANY, CLEVELAND, OHIO Conkey's Buttermilk Grain and Bone Starter Feed.	Chaapels Seed Store, Williamsport.	% 10.75	% 16.00	% 14.00
6091	Conkey's Buttermilk Meat, Grain and Bone Growing Mash.	Chaapels Seed Store, Williamsport.	% 8.87	% 20.50	% 18.00
6089	Conkey's Geceo Egg Mash, -----	Chaapels Seed Store, Williamsport.	% 8.11	% 20.44	% 20.00
6074	Conkey's Gecco Egg Mash, -----	E. George & Son, Spangler,	% 12.10	% 19.00	% 20.00
6073	Conkey's Growing Mash, -----	E. George & Son, Spangler,	% 12.37	% 20.31	% 18.00
6161 6088	Conkey's Laying Mash with Buttermilk, Conkey's Laying Mash with Buttermilk,	C. Beekert Co., Pittsburgh, Chaapels Seed Store, Williamsport.	% 9.03 8.77	% 21.94 21.69	% 20.00
6072 7066	Conkey's Laying Mash with Buttermilk, Conkey's Laying Mash with Buttermilk,	E. George & Son, Spangler, Midland Milling & Supply Co., Midland.	% 11.77 13.67	% 21.00 21.88	% 20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found Guaranteed	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
5.16	4.00	6.67	9.00	-----	\$	Wheat bran, wheat middlings, meat meal, corn chop, oat feed, fish meal, bone charcoal, sodium chloride, calcium carbonate.	As certified, -----	6324
5.39	4.50	5.00	7.00	70.00		Corn feed meal, ground oats, corn gluten meal, wheat flour middlings, wheat bran, peanut oil meal, corn oil meal, meat seraps, dried buttermilk, charcoal, bone meal, salt, not over 5% calcium carbonate.	As certified, -----	6353
5.79	3.00	3.87	4.00	5.50		Oat meal, wheat middlings, corn meal, corn feed meal, buttermilk, raw bone meal, blood flour, meat meal, $\frac{1}{2}$ of 1% salt, crude milk albumen.	As certified, -----	6090
5.71	4.00	4.95	5.00	4.00		Buttermilk, wheat middlings, wheat bran, corn feed meal, oat meal, bone, meat scraps, soybean meal, old process oil meal, ground barley, $\frac{3}{4}$ of 1% salt, crude milk albumen.	Found also small amount ground grain screenings.	6091
6.13	5.00	4.41	7.00	3.55		Buttermilk, wheat bran, corn feed meal, wheat middlings, old process oil meal, alfalfa meal, meat scraps, soybean oil meal, corn gluten feed, steamed bone meal, 1% calcium carbonate, $\frac{3}{4}$ of 1% salt.	As certified, -----	6089
5.92	5.00	4.06	7.00	4.00		Buttermilk, wheat bran, corn feed meal, wheat middlings, old process oil meal, alfalfa meal, meat scraps, bean meal, corn gluten feed, steamed bone meal, calcium carbonate 1%, salt 1%.	As certified, -----	6074
4.36	4.00	4.76	5.00	4.25		Buttermilk, wheat middlings, wheat bran, corn feed meal, oat meal, bone, meat scraps, bean meal, linseed oil meal, $\frac{3}{4}$ of 1% salt.	As certified, -----	6073
6.03	5.00	5.02	6.00	75.00		Buttermilk, meat scraps, corn meal, corn feed meal, soy bean oil meal, wheat bran, wheat middlings, old process oil meal, raw bone meal and $\frac{1}{2}$ of 1% salt.	As certified, -----	6161
6.09	5.00	4.77	6.00	3.75			As certified, -----	6088
5.74	5.00	4.50	6.00	4.40			As certified, -----	6072
4.88	5.00	5.12	6.00	3.75			Found also ground oats and ground barley.	7066

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y.				
6985	G. L. F. Growing Mash with Meat Scraps.	W. M. Burleson, Port Allegany.	% 9.75	% 19.31	% 17.00
6523	G. L. F. Starting and Growing Mash,	H. B. Low & Son, Orangeville.	9.60	18.88	17.00
6524	G. L. F. Super Laying Mash, -----	H. B. Low & Son, Orangeville.	8.94	20.19	18.00
	CUSTER'S FLOUR MILLS, MILTON, PA.				
7058	Custer's Chick Starter, -----	W. E. Custer, Danville, ---	10.18	15.69	14.00
7057	Custer's Egg Mash, -----	W. E. Custer, Danville, ---	9.70	18.56	20.00
	DELAWARE MILLS, INC., DEPOSIT, N. Y.				
6203	Delaware Laying Mash with Dried Buttermilk.	G. Matter & Sons, Hawley,	10.23	21.06	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
5.39	4.00	5.39	% 6.00	\$ 3.25	Meat scraps, wheat flour middlings, corn meal, heavy fine ground low fiber oats, wheat bran (may contain mill run screenings), salt.	As certified, ----- 6985
4.52	3.50	4.98	6.00	3.60	Dried buttermilk, meat scraps, wheat flour middlings, corn meal, heavy fine ground low fiber oats, wheat bran (may contain mill run screenings), bone meal—steamed, salt.	As certified, ----- 6523
5.59	4.00	5.17	7.00	3.25	Dried buttermilk, meat seraps, wheat flour middlings, heavy fine ground low fiber oats, corn meal, wheat middlings, wheat bran (bran and middlings may contain mill run screenins), ground limestone, salt.	As certified, ----- 6524
3.88	3.50	5.12	5.00	3.75	Wheat middlings, ground corn, bone meal, charcoal, skimmed milk, salt, sugar, calcium phosphate, starch, oxide of iron, anise, dried blood.	Sugar not detected. Found also alfalfa meal and small amount ground screenings. 7058
4.58	6.00	8.77	8.50	3.25	Meat scraps, charcoal, salt, wheat middlings, wheat bran, ground oats, ground corn, powdered whole and skimmed milk, starch, sugar, calcium phosphate, anise, oxide of iron, dried blood, alfalfa meal.	Sugar not detected. Found also molasses. 7057
5.26	4.00	4.70	7.00	66.00	Dried buttermilk, crude milk albumen from milk sugar, meat scrap, bone meal, fish meal, linseed oil meal, corn gluten feed, corn feed meal, wheat bran, wheat middlings, wheat red dog flour, ground oats, ground barley, calcium carbonate, $\frac{1}{2}$ of 1% salt.	Found also small amount ground screenings. 6203

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
6687	Dickinson's Globe All Mash Growing Rations.	Cherry Tree Milling Co., Cherry Tree.	% 9.71	% 14.81	% 15.00
6845	Dickinson's Globe All Mash Growing Rations.	Hildebrand & Jones, New Brighton.	8.90	15.81	15.00
6685	Dickinson's Globe All Mash Laying Rations.	Cherry Tree Milling Co., Cherry Tree.	9.55	16.88	16.60
6812	Dickinson's Globe All Mash Laying Rations.	J. A. Gault Co., Kittanning,	9.00	17.44	16.00
6128	Dickinson's Globe All Mash Laying Rations.	Hetrick & Wilson, Indiana,	10.00	17.94	16.00
6844	Dickinson's Globe All Mash Laying Rations.	Hildebrand & Jones, New Brighton.	7.93	17.81	16.00
6662	Dickinson's Globe All Mash Laying Rations.	Stembler Brothers, East Mauch Chunk.	8.60	17.00	16.00
6686	Dickinson's Globe All Mash Starting Rations.	Cherry Tree Milling Co., Cherry Tree.	9.29	13.63	15.00
6828	Dickinson's Globe Egg Mash with Dried Buttermilk.	Hudson & Kuhns, Greensburg.	8.23	21.63	20.00
6661	Dickinson's Globe Egg Mash with Dried Buttermilk.	Stembler Brothers, East Mauch Chunk.	8.29	20.94	20.00
	DIXIE MILLS CO., EAST ST. LOUIS, ILL.				
6034	Dixie Laying Mash, -----	Woodlawn Flour & Feed Co., Woodlawn.	9.06	23.44	20.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
7019	Eshelman's Baby Chick Starter, -----	M. E. Herr, Schuyler, -----	8.81	15.75	14.00
6672	Eshelman's Growing Mash, -----	Fisher & Son, Malvern, -----	9.07	17.00	16.00
6741	Eshelman's Growing Mash, -----	Speacht Brothers, Pottsville,	9.94	19.19	16.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.83	4.00	4.52	5.50	\$ 4.40	Dried buttermilk, sifted meat scraps, yellow corn feed meal, oat flour, soybean oil meal, wheat middlings, ground barley, alfalfa leaf meal, corn oil cake meal, bone meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	6687
4.51	4.00	4.80	5.50	4.15		As certified, -----	6845
4.96	3.00	5.39	6.00	4.00	Dried buttermilk, fine ground meat seraps, corn gluten feed, linseed oil meal, oat flour, corn feed meal, wheat middlings, wheat bran, fine ground alfalfa meal, bone meal, 2% calcium carbonate, 1% salt.	As certified, -----	6685
4.73	3.00	5.33	6.00	3.60		As certified, -----	6812
4.21	3.60	5.13	6.00	3.40		As certified, -----	6128
4.42	3.00	5.40	6.00	3.60		As certified, -----	6844
4.24	3.00	5.90	6.00	3.75		As certified, -----	6662
4.75	4.00	4.68	4.50	4.75	Dried buttermilk, sifted meat scraps, yellow corn feed meal, oat flour, soybean oil meal, wheat middlings, ground barley, alfalfa leaf meal, corn oil cake meal, bone meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	Soy bean meal not detected.	6686
5.36	4.00	5.14	6.00	3.75	Dried buttermilk, fine ground meat seraps, corn gluten feed, linseed oil meal, oat flour, wheat bran, wheat middlings, corn feed meal, ground alfalfa meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	6828
5.06	4.00	6.03	6.00	3.85		As certified, -----	6661
6.21	4.00	5.71	6.00	3.75	Dried buttermilk, wheat bran, wheat middlings, linseed oil meal, corn gluten feed, corn feed meal, granulated meat, alfalfa meal, 1% salt, and 1% charcoal.	As certified, -----	6034
4.78	4.00	5.70	6.00	4.50	Oat meal, kiln dried corn, meat, wheat bran, wheat middlings, alfalfa leaf meal, powdered buttermilk, 2% O. P. oil meal, 1% bone meal,	As certified, -----	7019
5.66	4.00	5.73	8.00	3.50	Wheat middlings, corn feed meal, 1% salt, meat scrap, fish scrap, wheat bran, corn gluten feed, ground oats, 1% alfalfa meal, hominy feed, pure oatmeal, 1% dried buttermilk, O. P. oil meal.	As certified, -----	6672
5.47	4.00	5.64	7.00	3.75		As certified, -----	6741

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6735	Eshelman's Laying Mash for More Eggs.	Speacht Brothers, Pottsville,	% 10.87	% 22.69	% 20.00
6775	Pensy Laying Mash, -----	Schell Feed Store, Glenmoore.	10.65	19.50	20.00
	H. L. GARRISON & BROTHER, BERWICK, PA.				
7107	Extra Quality Laying Mash, -----	H. L. Garrison & Brother, Berwick.	7.90	19.75	17.00
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
6724	Grandin's Growing Feed, -----	Ash Brothers, Briar Creek,--	7.46	16.00	14.00
6725	Grandin's Laying Mash with Butter-milk.	Ash Brothers, Briar Creek, --	11.30	20.44	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found %	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed %	Found %	Guaranteed %	Found %				
5.51	5.00	5.43	7.00	3.75	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, ground oats, hominy feed, O. P. oil meal, $\frac{1}{2}\%$ dried buttermilk, 1% alfalfa meal, $\frac{1}{2}\%$ salt.	As certified, -----	6735	
6.08	5.00	7.39	8.00	2.95	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, cane molasses, ground oats, O. P. oil meal, corn gluten feed, reground grain screenings from wheat, $\frac{1}{2}\%$ salt.	As certified, -----	6775	
6.48	5.00	8.00	10.00	2.75	Wheat middlings, wheat bran, ground corn and oats, alfalfa meal and beef seraps, $\frac{1}{2}$ of 1% salt.	Found also bone, -----	7107	
5.05	4.00	5.87	8.00	3.40	Bone meal, ground meat and bone, corn gluten feed, dried buttermilk, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, ground oats, calcium carbonate and small percentage of salt. (Wheat bran and wheat middlings may contain ground screenings not exceeding mill run.)	As certified, -----	6724	
4.97	4.00	5.92	8.00	3.40	Ground fish, ground meat and bone, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, ground oats, ground scratch feed, screenings consisting of (corn, wheat, barley, Kaffir corn, milo maize and buckwheat), powdered buttermilk, alfalfa meal, calcium carbonate and small percentage of salt. (Wheat bran and wheat middlings may contain ground screenings not exceeding mill run.)	As certified, -----	6725	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	HALES & HUNTER COMPANY, CHICAGO, ILL.				
6415	Mineralized Red Comb Egg Mash with Dried Buttermilk.	H. W. Richards, Murrays- ville.	10.46	21.00	15.00
6416	Morning Glory Egg Mash with Dried Buttermilk.	H. W. Richards, Murrays- ville.	9.90	22.19	20.00
	ED. HELLYER, JR., ALEXANDRIA, PA.				
6508	Hellyer's Laying Mash, -----	Ed. Hellyer, Jr., Alexandria,	11.07	20.06	19.00
	HESPENHEIDE & THOMPSON, YORK, PA.				
6381	Premier Baby Chick Starter, -----	Hespenheide & Thompson, York.	9.83	16.69	14.00
	KASCO MILLS, INC., WAVERLY, N. Y.				
6769	Apex Laying Mash with Dried Butter- milk.	N. G. Eachus, Downingtown,	11.18	21.25	20.00
6232	Apex Laying Mash with Dried butter- milk.	Edwards Brothers, Byer, ---	11.15	22.31	20.00
6654	Kaseo Growing Mash with Dried But- termilk.	Coburn Grain & Creamery Co., Coburn.	8.64	19.69	19.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
4.95	% 4.00	% 6.05	% 6.00	3.85	Corn feed meal, oat flour, wheat bran, wheat middlings, corn gluten feed, meat seraps, alfalfa meal, dried buttermilk, and not over 5% Minerals (calcium carbonate, rock phosphate, sodium chloride, steamed bone meal, granulated charcoal, iron sulphate and sulphur).	Found also cottonseed meal.	6415	
4.92	5.00	6.47	8.00	3.50	Corn feed meal, ground oats, wheat bran, wheat middlings, corn gluten feed, cottonseed meal, alfalfa meal, dried buttermilk, meat seraps and not over 5% Minerals (calcium carbonate, salt, calcium rock phosphate).	As certified, -----	6416	
5.70	6.00	3.77	5.00	3.30	Pure bran, wheat middlings, ground oats, pure corn meal, meat meal and salt.	As certified, -----	6508	
5.67	4.00	4.85	4.00	75.00	Oat meal, corn meal, wheat middlings, powdered buttermilk, rice polish, alfalfa leaf meal, meat meal, bone meal, epsom salts.	As certified, -----	6381	
5.47	4.00	6.63	8.50	3.50	Wheat bran, wheat middlings, corn meal, linseed oil meal, corn gluten feed, pulverized oats, meat and bone scrap, fish meal, dried buttermilk, $\frac{3}{4}$ of 1% salt, 1% calcium carbonate and alfalfa meal.	Found also glumes from corn cob.	6769	
4.75	4.00	7.36	8.50	3.05		As certified, -----	6232	
5.08	4.00	4.61	5.50	4.00	Wheat red dog flour, oatmeal, wheat middlings, wheat bran, corn meal, linseed oil meal, meat serap, dried buttermilk, bone meal, $\frac{3}{4}$ of 1% salt, 1% calcium carbonate.	As certified, -----	6654	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE LARROWE MILLING CO., DETROIT, MICH.				
6044	Larro Chick Starter, -----	Horace Stroh, Hamburg, ---	% 12.07	% 15.75	% 14.00
6045 7181	Larro Egg Mash, ----- Larro Egg Mash, -----	Horace Stroh, Hamburg, --- Tyrone Milling Co., Tyrone,	11.74 8.86	20.50 20.88	19.00 19.00
6676	Larro Growing Mash, -----	Shortledge Brothers, West Grove.	10.60	17.13	16.00
6340	Larro Growing Mash, -----	Walker Brothers, Chambers- burg.	10.99	17.81	16.00
6637	J. D. LESHER, COCOLAMUS, PA. Lesher's Laying Mash, -----	J. D. Lesher, Coeolamus, --	8.58	18.56	17.50
6883	LYCOMING MILLS, WILLIAMSPORT, PA. Lyeoming Laying Mash, -----	Lycoming Mills, Williams- port.	9.01	19.69	17.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.75	4.50	4.40	6.50	\$ 4.50	Yellow hominy feed, fine ground feeding oatmeal, standard wheat middlings, dried buttermilk, alfalfa meal, meat scrap and bone meal.	As certified, -----	6044
5.30 5.58	5.00 5.00	5.79 6.07	8.00 8.00	3.60 75.00	Fine ground feeding oatmeal, standard wheat middlings, yellow hominy feed, meat scrap, standard wheat bran, dried buttermilk, alfalfa meal, bone meal, $\frac{3}{4}\%$ salt, $\frac{3}{4}\%$ calcium carbonate.	As certified, ----- As certified, -----	6045 7181
5.20 5.48	5.00 5.00	5.81 5.41	6.50 6.00	4.25 -----	Yellow hominy meal, standard wheat middlings, fine ground feeding oatmeal, standard wheat bran, meat scrap, dried buttermilk, alfalfa meal, bone meal, $\frac{3}{4}\%$ salt, $\frac{3}{4}\%$ calcium carbonate.	As certified, ----- As certified, -----	6676 6340
4.70	5.50	5.94	7.00	3.30	Wheat middlings, wheat bran, corn meal, alfalfa leaf meal, linseed meal, gluten feed, meat scrap, charcoal, salt and Barker's Mineral Mixture.	Barker's Mineral Mixture: Magnesium sulphate, magnesium phosphate, iron sulphate, iron oxide, sulphur, calcium phosphate, calcium carbonate, calcium oxide, sodium chloride, sodium carbonate, sodium bicarbonate, phosphoric acid, potassium nitrate, iodine, asafoetida, gentian, pennyroyal, black pepper, linseed meal, mustard bran, cacao bran, foenugreek and ginger.	6637
5.11	4.50	6.82	8.00	70.00	Wheat bran, fine ground oats, middlings, alfalfa meal, corn chop, meat scrap, oil meal, charcoal, salt, powder milk, iron oxide, carbonate of lime, tricalcium phosphate.	As certified, -----	6883

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6361	MAHONING VALLEY MILLING CO., PUNXSUTAWNEY, PA. Mahoning Egg Maker, -----	Mahoning Valley Milling Co., Punsutawney.	16.50	19.38	18.00
7020	MARITIME MILLING CO., INC., BUFFALO, N. Y. Bull Brand Egg Red-E Mixt Mash, ----	Ralph Fuller, Turbotville, --	8.37	19.13	18.00
6751 6567	Bull Brand Growing Mash with Dried Buttermilk. Bull Brand Growing Mash with Dried Buttermilk.	Wm. K. Loos, Schuylkill Haven. Geo. M. Witmer's Sons, Selinsgrove.	8.73 10.63	18.13 17.94	18.00 18.00
6752 7122	Bull Brand Laying Mash with Dried Buttermilk. Bull Brand Laying Mash with Dried Buttermilk.	Wm. K. Loos, Schuylkill Haven. S. E. Seidel, Hamburg, ----	9.44 7.98	21.44 21.94	20.00 20.00
6762	MAUSER & CRESSMAN, CATA-SAUQUA, PA. Poultry Mash, -----	Mauser & Cressman, Cata-sauqua.	11.60	18.94	16.00
6705	R. C. MEEK ESTATE, ALLENWOOD, PA. Meek's High Grade Laying Mash, -----	R. C. Meek Estate, Allenwood.	8.78	18.56	18.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 4.75	Fat		Fiber		Price per ton or cwt. \$ 3.35	Certified Composition	Identified by Microscopic Examination	Chemist's number
	Found % 4.00	Guaranteed % 6.26	Found % 9.00	Guaranteed % 9.00				
5.76	5.00	5.86	9.00	3.00	Dried buttermilk, alfalfa meal, corn gluten meal, wheat bran, wheat middlings, corn meal, hominy feed, pulverized oats, meat scrap, bone meal, fish meal, calcium carbonate, $\frac{1}{2}$ of 1% salt. (Wheat bran and wheat middlings may contain mill run ground screenings.)	As certified, -----	6361	
5.21	5.00	5.51	7.00	3.60	Dried buttermilk, wheat bran, wheat middlings, corn meal, oil meal, pulverized oats, oatmeal, meat scrap, bone meal, fish meal, calcium carbonate, and $\frac{1}{2}$ of 1% salt.	As certified, -----	6751	
5.10	5.00	5.54	7.00	4.00	Dried buttermilk, O. P. linseed oil meal, wheat bran, wheat middlings, corn gluten meal, hominy feed, corn meal, pulverized oats, ground oat meal, alfalfa meal, meat scrap, bone meal, fish meal, calcium carbonate and $\frac{1}{2}$ of 1% salt. (Wheat bran and wheat middlings may contain mill run ground screenings.)	Found also small amount unground weed seeds.	6567	
5.45	5.00	7.63	8.00	3.60		As certified, -----	6752	
5.48	5.00	7.27	8.00	3.25		Salt not detected, -----	7122	
5.36	4.00	6.90	9.00	3.15	Corn meal, wheat bran, crushed oats, gluten meal, beef scrap, alfalfa meal, wheat middlings.	As certified, -----	6762	
5.11	4.00	7.90	10.00	3.60	Wheat bran, wheat middlings, corn feed meal, ground oats, alfalfa meal, meat scraps, and salt.	As certified, -----	6705	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	MITCHELL MILLING CO., CLEARFIELD, PA.				
6940	Laying Mash, -----	Mitchell Milling Co., Clearfield.	% 9.33	% 19.50	% 19.00
	PAUL T. MOYER, WINFIELD, PA.				
7006	Moyer's Laying Mash, -----	Paul T. Moyer, Winfield, ---	8.55	21.13	19.00
	P. J. OESTERLING & SON, INC. BUTLER, PA.				
6855	Sunside Open Formula Egg Mash, -----	P. J. Oesterling & Son, Inc., Butler.	9.21	20.00	20.00
	PARK & POLLARD CO., CHICAGO, ILL.				
6659	Bonnie Booster, -----	Reed Estate, Philipsburg, --	9.17	15.00	12.00
6283	Bonnie Booster, -----	Shamokin Milling Co., Shamokin,	12.47	15.69	12.00
6112	Bonnie Booster, -----	Union Roller Mills, Hamburg.	11.11	15.31	12.00
6656	Boston Growing Feed, -----	Reed Estate, Philipsburg, ---	9.52	16.25	14.00
6018	Lay or Bust Dry Mash, -----	Charles C. Bolig, Northumberland.	10.48	17.00	18.00
6024	Lay or Bust Dry Mash, -----	Henry Gass Sons, Reading, --	10.59	15.25	18.00
6192	Lay or Bust Dry Mash, -----	Grab Brothers, Etna, -----	11.89	19.94	18.00
6657	Lay or Bust Dry Mash, -----	Reed Estate, Philipsburg, --	9.15	18.38	18.00
6277	Lay or Bust Dry Mash, -----	Shamokin Milling Co., Shamokin.	11.94	20.38	18.00
6660	Leghorn Special Dry Mash, -----	Reed Estate, Philipsburg, ---	8.81	22.06	21.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
4.72	4.00	7.88	8.00	\$ 3.75	Ground corn, oats, wheat bran and middlings, meat scrap, alfalfa meal, calcium carbonate, salt and dried buttermilk.	As certified, -----	6940
5.65	5.00	5.28	6.00	3.10	Wheat bran, wheat middlings, ground corn, ground oat meal, gluten feed, alfalfa meal, linseed meal, meat scrap, fish meal, charcoal, calcium carbonate, salt.	As certified, -----	7096
5.62	5.50	5.72	7.50	3.10	Wheat bran, wheat flour middlings, shelled corn, oats, 50% meat scraps, salt. Bran and middlings may contain ground grain screenings not exceeding mill run.	As certified, -----	6855
3.07 3.24	3.00 3.00	4.17 4.15	5.00 5.00	4.50 4.50	Ground alfalfa, corn, wheat, barley, oats, fish, meat and bone meal, wheat bran, wheat middlings, rice, calcium carbonate, salt and dried buttermilk.	As certified, ----- As certified, -----	6659 6283
3.55	3.00	3.68	5.00	4.75	Ground corn, wheat, oats, alfalfa, barley, fish, meat and bone meal, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	As certified, -----	6112
3.40	1.50	5.88	8.00	3.60	Ground corn, wheat, oats, alfalfa, barley, fish, meat and bone meal, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	As certified, -----	6656
4.84	1.50	7.05	10.00	3.25	Ground corn, wheat, oats, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Found also tankage, --	6018
3.84 4.55 3.84	1.50 1.50 1.50	5.93 5.71 6.32	10.00 10.00 12.00	3.00 66.00 3.60	Ground corn, wheat, oats, barley, Kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	Found also tankage, -- As certified, ----- Found also small amount glumes from corn cob.	6024 6192 6657
3.25	1.50	5.72	12.00	4.00	Ground corn, wheat, oats, barley, Kaffir corn, buckwheat, wheat bran with mill run screenings, wheat middlings, alfalfa, fish, meat, bone, calcium carbonate, salt and dried buttermilk.	Found also small amount tankage.	6277
5.16	1.50	5.49	10.00	3.70	Ground corn, wheat, barley, oats, Kaffir corn, buckwheat, wheat bran with mill run of screenings, wheat middlings, alfalfa, fish, meat, bone, calcium carbonate, salt and dried buttermilk.	Found also screenings (exceeding mill run).	6660

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6979	PHELPS & SIBLEY CO., INC., CUBA, N. Y.	Big Egg Favorite Poultry Mash, -----	Port Allegany Milling Co., Port Allegany.	10.00	20.19
6802	PRATT FOOD COMPANY, PHILADELPHIA, PA.	Pratt's Baby Chick Food with Buttermilk.	Mifflinburg Milling Co., Mifflinburg.	9.70	13.06
6663	Pratt's Supreme Growing Mash, -----	Pratt's Supreme Growing Mash, -----	Stembler Brothers, East Mauch Chunk.	7.40	16.94
6267	Pratt's Supreme Laying Mash with Buttermilk.	Pratt's Supreme Laying Mash with Buttermilk.	Jacob Lessig & Sons, Ashland.	8.74	22.13
7151	Pratt's Victory Laying Mash with Buttermilk.	Pratt's Victory Laying Mash with Buttermilk.	G. Bostert & Sons, Johnstown.	8.16	21.69
6030	Pratt's Victory Laying Mash with Buttermilk.	Pratt's Victory Laying Mash with Buttermilk.	J. H. Figley, New Sheffield,	10.14	19.56
6166	Pratt's Victory Laying Mash with Buttermilk.	Pratt's Victory Laying Mash with Buttermilk.	John Lachman, Braddock, --	9.04	20.00
6268	Pratt's Victory Laying Mash with Buttermilk.	Pratt's Victory Laying Mash with Buttermilk.	Jacob Lessig & Sons, Ashland.	10.20	21.69
6048	Pratt's Victory Laying Mash with Buttermilk.	Pratt's Victory Laying Mash with Buttermilk.	Mauser Mill Co., Palmerton,	11.69	20.50
	THE QUAKER OATS CO., CHICAGO, ILL.	Quaker Ful-O-Pep Chick Starter, -----	Ash Brothers, Briar Creek,	12.54	16.69
6733					15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
5.65	3.00	7.46	9.00	\$ 3.00	Linseed meal, meat and bone scrap, corn gluten feed, ground oats, wheat bran, wheat middlings, corn feed meal, alfalfa meal, small quantity charcoal and salt. Wheat bran and middlings may or may not contain ground screenings not exceeding mill run.	As certified, -----	6979
4.43	3.50	3.78	3.80	4.75	Dried buttermilk, corn meal, wheat middlings, oat meal, cooked wheat, ground wheat, bone meal, alfalfa leaf meal, millet, rape and epsom salts.	As certified, -----	6802
5.35	4.50	5.09	7.00	4.75	Dried buttermilk, oat meal, corn meal, wheat bran, wheat middlings, bone meal, meat scrap, fish meal, calcium carbonate $\frac{3}{4}$ of 1%, iodized salt $\frac{1}{2}$ of 1%.	Found also small amount ground screenings.	6663
6.35	4.00	5.70	8.00	4.25	Dried buttermilk, oatmeal, corn meal, O. P. linseed oil meal, wheat middlings, meat scrap, wheat bran, alfalfa meal, fish meal, calcium carbonate 2%, calcium phosphate $\frac{3}{4}$ of 1%, iodized salt $\frac{1}{2}$ of 1%.	As certified, -----	6267
5.93	4.00	7.07	8.00	68.00	Wheat middlings, ground oats, dried buttermilk, wheat bran, corn meal, fish meal, meat scrap, O. P. linseed oil meal, alfalfa meal, calcium carbonate 2%, calcium phosphate $\frac{3}{4}$ of 1%, iodized salt $\frac{1}{2}$ of 1%.	Found also ground screenings and small amount unground weed seeds.	7151
5.46	4.00	7.16	8.00	3.35		As certified, -----	6030
5.56	4.00	6.78	8.00	65.00		As certified, -----	6166
5.59	4.00	6.44	8.00	3.85		As certified, -----	6268
5.88	4.00	5.77	8.00	3.50		As certified, -----	6048
6.54	5.00	5.60	6.00	5.00	Oatmeal, hominy feed, yellow hominy feed, wheat bran, wheat middlings, bone meal, fish meal, cod liver meal, alfalfa meal, cod liver oil, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt, molasses.	As certified, -----	6733

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6973	Quaker Ful-O-Pep Egg Mash, -----	Beckerstaff-Todd, New Shefield.	8.61	20.19	20.00
6477	Quaker Ful-O-Pep Egg Mash, -----	W. J. Haid, Gallitzin, -----	8.40	20.88	20.00
7186	Quaker Ful-O-Pep Egg Mash, -----	Hutchison Feed & Flour Co., Tyrone.	8.03	21.88	20.00
6093	Quaker Ful-O-Pep Egg Mash, -----	King Feed Co., Williamsport.	8.54	20.94	20.00
6411	Quaker Ful-O-Pep Egg Mash, -----	C. J. Shuster, Delmont, -----	8.57	18.06	20.00
6734	Quaker Ful-O-Pep Growing Mash, -----	Ash Brothers, Briar Creek,	11.52	20.00	19.00
6789	Quaker Ful-O-Pep Growing Mash, -----	Roy J. Dunham, Wellsboro,	8.04	20.00	19.00
QUISENBERY FEED MANUFACTURING CO., BUFFALO, N. Y.					
6520	Quisenberry Quality Growing Mash with Buttermilk.	H. B. Low & Son, Orangeville.	10.08	17.94	17.00
6987	Quisenberry Quality Laying Mash with Buttermilk.	S. M. Griffith, Rossiter, ----	8.71	20.50	20.00
6519	Quisenberry Quality Starting Food with Buttermilk.	H. B. Low & Son, Orangeville.	10.39	16.69	15.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
5.55	4.00	6.23	8.00	2.80	Oatmeal, hominy feed, yellow hominy feed, barley meal, wheat bran, wheat middlings with ground wheat screenings not exceeding mill run, bone meal, meat scrap, cod liver meal, fish meal, alfalfa meal, 2% calcium carbonate, $\frac{1}{4}$ of 1% salt and molasses.	As certified, -----	6973
5.80	4.00	5.83	8.00	80.00		As certified, -----	6477
5.61	4.00	7.21	8.00	76.00		As certified, -----	7186
6.35	4.00	6.93	8.00	75.00		Found also trace of hoof meal.	6093
6.15	4.00	6.73	8.40	3.50		As certified, -----	6411
6.08	5.00	5.21	6.00	4.65	Oatmeal, hominy feed, yellow hominy feed, barley meal, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), fish meal, cod liver meal, bone meal, meat scraps, alfalfa meal, 2% calcium carbonate, $\frac{1}{4}$ of 1% salt, molasses.	As certified, -----	6734
6.03	5.00	5.75	6.00	80.00		As certified, -----	6789
4.60	4.50	6.27	6.50	3.60	Wheat middlings, corn meal, oat flour, pulverized oats, meat and bone scrap, corn germ meal, O. P. oil meal, corn gluten meal, alfalfa meal, cottonseed meal, wheat bran, dried buttermilk, bone meal, not less than 2% each cod liver meal, calcium carbonate, not more than 1% each iodized salt, charcoal, gentian, iron sulphate, magnesium sulphate, sodium bi-carbonate.	Iron sulphate not detected. Found also small amount ground grain screenings.	6520
5.25	4.00	6.41	6.50	3.40	Wheat middlings, corn meal, meat and bone scraps, O. P. oil meal, wheat bran, pulverized oats, alfalfa meal, corn germ meal, corn gluten feed, cottonseed meal, dried buttermilk, not less than 2% cod liver meal, calcium carbonate, not more than 1% each iodized salt, charcoal, iron sulphate, magnesium sulphate, sodium bi-carbonate.	Magnesium sulphate not detected.	6957
5.63	4.00	5.83	6.00	4.40	Wheat middlings, corn meal, oat flour, meat and bone scrap, dried buttermilk, alfalfa meal, corn germ meal, bone meal, not less than 2% each wheat bran, O. P. oil meal, calcium carbonate, calcium phosphate, cod liver oil meal, not over 1% each, iodized salt, charcoal, iron oxide, gentian, iron sulphate, magnesium sulphate, sodium bi-carbonate.	Iron sulphate not detected. Found also small amount ground grain screenings.	6519

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6904	RALSTON PURINA CO., INC., ST. LOUIS, MO. Purina Chick Growena Feed, -----	C. H. Lenhart, West Leesport.	% 9.01	% 19.06	% 16.80
6640	Purina Chick Startena Feed, -----	Franklin Feed & Supply Co., Franklin.	10.68	19.13	17.00
6080	Purina Chick Startena Feed, -----	Tri - County Wh olesale, Barnesboro.	10.91	18.75	17.00
6198	Purina Chicken Chowder Feed, -----	Knabe Brothers, Turtle Creek.	10.70	20.69	19.00
5985	Purina Chieken Chowder Feed, -----	Orbisonia Roller Mills, Orbisonia.	11.43	20.50	19.00
6621	Purina Chiicken Chowder Feed, -----	Ridgway Grist Mills, Ridgway.	10.14	20.63	19.00
7140	Purina Chiicken Chowder Feed, -----	A. F. Stutzman & Son, Johnstown.	8.22	19.00	19.00
6079	Purina Chicken Chowder Feed, -----	Tri - County Wh olesale, Barnesboro.	8.70	21.06	19.00
6631	THE RICHARDS & EVANS CO., CORTLAND, OHIO Riehard's Growing Mash, -----	A. D. Davenport, Meadville,	13.35	18.94	20.00
6396	Riehard's Laying Mash, -----	Linus M. Lewis, Indiana, ---	9.26	19.63	20.50

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found	Guaranteed	Found				
6.05	4.00	5.55	7.00	4.40	Dried buttermilk, oat middlings, wheat bran, corn meal, alfalfa leaf meal, linseed meal, meat scrap, cod liver oil, wheat germ, 2% bone meal, 3% salt, 3% charcoal, 2% calcium carbonate.	As certified, -----	6904	
6.23	4.00	6.01	7.00	5.10	Dried buttermilk, meat scrap, corn meal, wheat bran, oat middlings, alfalfa leaf meal, wheat germ, wheat middlings, linseed meal, cod liver oil, 1½% bone meal, ½% charcoal, ½% salt, 2% calcium carbonate (limestone).	As certified, -----	6640	
5.69	4.00	6.00	7.00	90.00		As certified, -----	6080	
4.45	4.00	6.85	8.00	80.00	Wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa leaf meal, linseed meal, meat scraps, ½% bone meal, ½% salt, 1% charcoal, 3% calcium carbonate (limestone).	As certified, -----	6198	
4.77	4.00	6.96	8.00	3.75	Wheat bran, wheat middlings, corn meal, corn germ meal, alfalfa flour, linseed meal, granulated meat, 1% bone meal, 1% salt, 1% charcoal.	Found also corn gluten feed.	5985	
4.75	4.00	7.65	8.00	3.80	Wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa leaf meal, linseed meal, meat scraps, 1½% bone meal, ½% salt, 1% charcoal, 3% calcium carbonate (limestone).	As certified, -----	6621	
4.27	4.00	7.50	8.00	3.90		As certified, -----	7140	
5.10	4.00	7.60	8.00	72.00	Wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa flour, linseed meal, granulated meat, 1% bone meal, 1% salt, 1% charcoal.	As certified, -----	6079	
4.97	3.00	4.95	6.90	60.00	Corn feed meal, wheat middlings, gluten feed, meat scraps, ground oat groats, bone meal, oil meal, crude milk albumen from milk sugar, copra meal.	As certified, -----	6631	
5.14	3.00	7.13	6.90	3.25	Corn feed meal, pure bran, gluten feed, digester tankage, meat scraps, ground oat meal, fish meal, bone flour, linseed oil meal, crude milk albumen from milk sugar, alfalfa meal, copra meal.	As certified, -----	6376	

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6085	SEES MILLING CO., INC., WILLIAMSPORT, PA.	Sees Milling Co., Inc., Williamsport.	10.40	20.88	20.00
7037	R. A. SMITH MILLING CO., NORTHAMPTON, PA.	R. A. Smith Milling Co., Northampton.	9.06	18.38	18.00
7036	Rason's Growing Mash, -----	R. A. Smith Milling Co., Northampton.	8.37	19.25	18.00
6462	D. A. STICKELL & SONS, INC., HAGERSTOWN, MD.	C. S. Johnson, Warfordsburg.	9.20	20.81	20.00
6976	Blue Ridge Egg Mash, -----	Stoudt Milling Co., Shoemakersville.	9.70	20.69	20.00
6314	R. F. SWARTZ, BOWMANSTOWN, PA.	R. F. Swartz, Bowmans town.	10.00	21.31	18.00
6532	Economy Laying Mash, -----	Neil S. Harrison, Forks, ----	9.15	20.94	18.00
6313	Chicatine, -----	R. F. Swartz, Bowmans town.	10.04	21.31	18.00
6527	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y.	Neil S. Harrison, Forks, ----	10.62	18.94	17.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
4.98	3.50	7.16	7.50	\$ 52.00	Cottonseed meal, corn gluten feed, wheat middlings, corn feed meal, wheat bran, ground oats, meat and bone scraps, powdered buttermilk, alfalfa meal, old process oil meal and $\frac{3}{4}$ of 1% salt.	As certified, ----- 6085
4.32	4.00	5.73	8.00	\$4.00	Wheat middlings, corn meal, alfalfa meal, wheat bran (with screenings not exceeding mill run), old process oil meal, beef scraps and dried buttermilk.	As certified, ----- 7037
5.21	4.00	6.28	10.00	70.00	Ground oats, corn meal, wheat middlings, wheat bran (with ground screenings not exceeding mill run), old process oil meal, beef scraps, calcium carbonate and salt.	As certified, ----- 7036
5.40	5.00	4.16	6.00	3.20	Buttermilk, oatmeal, meat scrap, bone meal, fish meal, wheat bran, wheat middlings, corn gluten feed, corn meal, linseed oil meal, cottonseed meal, alfalfa meal, calcium carbonate and salt.	As certified, ----- 6462
4.82	5.00	4.59	6.00	3.45		As certified, ----- 6976
6.36	4.00	6.70	8.00	3.10	Wheat bran, wheat middlings, ground oats, corn meal, meat and bone scraps, alfalfa meal, $\frac{1}{2}$ of 1% salt.	As certified, ----- 6314
5.26	3.00	4.74	6.00	4.00	Corn meal, wheat middlings, hominy feed, corn gluten meal, powdered buttermilk, fish meal, meat and bone scrap, wheat bran, phosphate of lime 2%.	As certified, ----- 6532
5.43	3.00	4.46	6.00	4.45		As certified, ----- 6313
5.33	3.50	6.20	6.50	3.50	Wheat middlings, corn meal, peanut oil meal, wheat flour, fish meal, meat, bone scrap, phosphate of lime, dried buttermilk.	As certified, ----- 6527

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6051	Never Fail Egg Mash, -----	R. F. Swartz, Bowmans-town.	11.89	22.31	22.00
	TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO				
6892	Camp's Red Ball Egg Mash, -----	North & Rydbom, Glenn Campbell.	8.38	20.75	20.00
	TYRONE MILLING CO., TYRONE, PA.				
7175	Jersey Mash, -----	Tyrone Milling Co., Tyrone,	9.06	20.25	19.00
	THE UBIKO MILLING COMPANY, CINCINNATI, OHIO				
6784	All Mash Starting and Growing Ration with Cod Liver Oil.	A. R. Johnson, Wellsboro,--	9.82	19.19	18.00
6794	All Mash Starting and Growing Ration with Cod Liver Oil.	W. W. Kalb, Sunbury, -----	10.13	18.00	18.00
6783	Growing Mash with Buttermilk, -----	A. R. Johnson, Wellsboro,--	9.36	16.88	15.00
6793	Growing Mash with Buttermilk, -----	W. W. Kalb, Sunbury, -----	9.45	16.44	15.00
6782	Starting Mash with Buttermilk and Cod Liver Oil.	A. R. Johnson, Wellsboro,--	9.40	15.00	15.00
6792	Starting Mash with Buttermilk and Cod Liver Oil.	W. W. Kalb, Sunbury, -----	8.67	16.13	15.00
6795	Ubiko Egg Mash with Buttermilk, -----	W. W. Kalb, Sunbury, -----	8.99	21.66	20.00
6793	Ubiko Egg Mash with Buttermilk, -----	McFarland Supply Co., Greensburg.	8.77	21.06	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopic Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
% 6.01	% 4.00	% 4.83	% 7.00	\$ 3.90	Powdered buttermilk, fish meal, meat scrap, oat middlings, linseed oil meal, wheat bran, wheat middlings, corn meal, calcium phosphate.	As certified, -----	6051
4.51	3.50	7.56	7.50	4.25	Wheat bran, corn meal, ground wheat middlings, gluten feed, fine alfalfa meal, meat scraps, linseed oil meal, crude milk albumen from milk sugar, cod liver oil, $\frac{1}{2}$ of 1% salt.	As certified, -----	6822
5.83	5.00	7.31	7.00	62.00	Wheat bran, ground corn, wheat middlings, ground oats, beef scrap, alfalfa meal.	As certified, -----	7175
5.39	4.00	4.59	5.00	4.00	Fine ground meat scrap, wheat bran, wheat middlings, ground oat groats, yellow corn meal, 5% bone meal, dried buttermilk, cod liver oil, 1% salt and 1% charcoal.	As certified, -----	6784
4.82	4.00	3.79	5.00	4.35	{ Fine ground meat scrap, wheat bran, white wheat middlings, ground oat groats, yellow corn meal, 5% bone meal, dried buttermilk, cod liver oil, 1% salt and 1% charcoal.	As certified, -----	6794
4.40	4.00	3.78	6.00	4.00		Found also ground un-hulled oats.	6783
4.32	4.00	4.04	6.00	3.90	{ Fine ground meat scrap, bone meal, corn meal, wheat bran, white wheat middlings, ground oat groats, ground barley, O. P. linseed meal and dried buttermilk.	As certified, -----	6793
5.85	4.00	3.93	4.00	4.50	Wheat bran, white wheat middlings, ground oat groats, corn meal, bone meal, dried buttermilk, cod liver oil, fine ground meat scrap, and 2% charcoal.	As certified, -----	6782
5.98	4.00	3.96	4.00	4.55	{ Wheat bran, white wheat middlings, ground oat groats, corn meal, bone meal, dried buttermilk, cod liver oil, fine ground meat scrap, and 2% charcoal.	As certified, -----	6792
4.42	4.00	5.18	6.00	3.75		As certified, -----	6795
4.59	4.00	4.82	6.00	3.75	{ Fine ground meat scrap, bone meal, corn meal, wheat bran, white wheat middlings, whole ground oats, corn gluten feed, O. P. linseed meal, dried buttermilk, 2% salt.	As certified, -----	6993

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	WADSWORTH FEED COMPANY, WARREN, OHIO				
7170	Superior Laying Mash, -----	Johnstown Milling Co., Johnstown.	8.29	20.81	20.00
6236	Superior Laying Mash, -----	George J. New's Sons, Blairs- ville.	11.93	21.38	20.00
	WAYNE FEED MILLS, FORT WAYNE, IND.				
6651	Wayne All Mash Chick Starter, -----	Cloyd Dinges, Coburn, -----	8.04	17.31	16.00
6695	Wayne All Mash Chick Starter, ....	F. M. Edwards & Sons, She- rolocta.	10.12	17.81	16.00
6540	Wayne All Mash Chick Starter, -----	Jonestown Roller Mills, Orangeville.	9.55	17.13	16.00
6850	Wayne All Mash Chick Starter, -----	G. E. Rapp, Ellwood City,--	9.52	17.00	16.00
6496	Wayne All Mash Chick Starter, -----	E. F. Spahr & Co., Roseoe,	10.81	16.75	16.00
6808	Wayne All Mash Grower, -----	Mifflinburg Milling Co., Mif- flinburg.	9.11	15.25	15.00
6852	Wayne All Mash Grower, -----	Geo. E. Rapp, Ellwood City,	8.15	15.38	15.00
5539	Wayne Chick Starter, -----	Jonestown Roller Mills, Orangeville.	9.55	16.38	17.00
6186	Wayne Egg Mash, -----	A. P. Berg, Versailles, -----	11.20	22.06	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found Fat	Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Guaranteed	Found				
5.10	5.00	6.70	7.00	\$ 3.60	Meat scraps, dried buttermilk, wheat bran, wheat middlings, corn gluten feed, corn meal, alfalfa meal, calcium carbonate and salt.	Found also bone, ----- 7170
5.38	5.00	5.35	7.00	\$ 3.50		Found also bone, ----- 6236
5.28	4.00	5.61	6.00	\$ 4.40	Dried buttermilk, Menhaden fish meal, meat scraps, standard wheat middlings, wheat bran, corn feed meal, cocoanut oil meal, alfalfa leaf meal, 2% bone meal, calcium phosphate, 1% ground limestone (calcium carbonate).	Cocoanut oil meal not detected. Found also Kaffir corn. 6651
4.88	4.00	4.98	6.00	\$ 4.25	Dried buttermilk, Menhaden fish meal, meat scraps, standard wheat middlings, wheat bran, corn feed meal, cocoanut oil meal, alfalfa leaf meal, 2% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate).	As certified, ----- 6695
5.48	4.00	5.25	6.00	\$ 3.80		As certified, ----- 6540
4.61	4.00	4.48	6.00	\$ 4.00		Cocoanut oil meal not detected. Found also small amount ground screenings. 6850
4.70	4.00	4.10	6.00	\$ 69.30		As certified, ----- 6496
3.87	4.00	5.05	6.00	\$ 3.60	Dried buttermilk, Menhaden fish meal, meat scraps, standard wheat middlings, wheat bran, corn feed meal, cocoanut oil meal, alfalfa leaf meal, 2% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate).	Cocoanut oil meal not detected. 6808
4.40	4.00	4.92	6.00	\$ 3.75		Cocoanut oil meal not detected. 6852
5.24	4.00	4.69	6.00	\$ 4.00	Dried buttermilk, meat scraps, Menhaden fish meal, standard wheat middlings, corn feed meal, fine ground oat meal, cocoanut oil meal, alfalfa leaf meal, 2% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate).	As certified, ----- 6539
5.45	3.70	4.96	7.00	\$ 61.30	Dried buttermilk, meat scraps, Menhaden fish meal, cocoanut oil meal, linseed oil meal, standard wheat middlings, wheat bran, corn feed meal, corn gluten feed, alfalfa leaf meal, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate).	As certified, ----- 6186

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6959	Wayne Universal Egg Mash, -----	Wm. Cornell & Son, Baggaley.	8.12	19.56	18.00
6096	Wayne Universal Egg Mash, -----	Dairy Products Co., Clearfield.	11.66	17.56	18.00
6696	Wayne Universal Egg Mash, -----	F. M. Edwards & Sons, She-loeta.	9.04	18.00	18.00
6033	Wayne Universal Egg Mash, -----	J. H. Figley, New Sheffield.	11.83	17.94	18.00
6536	Wayne Universal Egg Mash, -----	Jonestown Roller Mills, Orangeville.	8.97	17.31	18.00
6333	Wayne Universal Egg Mash, -----	B. H. Mentzer, Chambersburg.	10.86	18.69	18.00
6495	Wayne Universal Egg Mash, -----	E. F. Spahr & Co., Roseoe,	11.35	17.38	18.00
6059	Wayne Universal Egg Mash, -----	E. E. Wentz, Lock Haven,--	10.08	17.38	18.00
F. S. WERTZ & SON, READING, PA.					
6228	Reading Egg Mash, -----	F. S. Wertz & Son, Reading,	10.00	18.56	18.00
6227	Wertz's Baby Chick Starter, -----	F. S. Wertz & Son, Reading,	10.06	16.25	15.00
7127	Wertz's Speelial Laying Mash with Buttermilk.	Engle's Mill, Inc., Hazleton,	9.28	19.81	20.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
5.11	3.50	5.24	7.00	\$ 3.50	Dried buttermilk, meat scraps, Menhaden fish meal, cocoanut oil meal, linseed oil meal, standard wheat middlings, wheat bran, corn feed meal, corn gluten feed, fine ground oatmeal, alfalfa leaf meal, 1% bone meal (calcium phosphate), 1% ground limestone (calcium carbonate).	As certified, -----	6959
4.91	3.50	4.80	7.00	3.20		As certified, -----	6096
3.63	3.50	4.03	7.00	3.30		As certified, -----	6696
5.37	3.50	4.95	7.00	3.35		As certified, -----	6033
4.92	3.50	5.80	7.00	3.25		As certified, -----	6536
5.38	3.50	5.80	7.00	-----		Found also small amounts ground screenings.	6333
5.01	3.50	4.63	7.00	5.98		As certified, -----	6495
5.33	3.50	6.34	7.00	70.00		As certified, -----	6059
4.98	4.00	7.08	7.50	54.00	Corn gluten meal, wheat middlings, wheat bran, pulverized white oats, alfalfa meal, O. P. oil meal, meat scrap, fish scrap, corn feed meal, pure dried buttermilk, $\frac{1}{2}$ of 1% salt, 3% Oberco Mineral Mixture (bone, charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide).	As certified, -----	6228
4.15	4.00	4.14	4.50	74.00	Wheat flour middlings, fine ground oat meal, pure dried buttermilk, corn meal, O. P. linseed meal, alfalfa leaf meal, wheat middlings, bone meal, meat scrap, 2% charcoal, 3% Oberco Mineral Mixture (composed of bone, charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide), $\frac{1}{2}$ of 1% salt.	As certified, -----	6227
5.28	4.00	4.79	7.00	67.00	Corn gluten feed, wheat middlings, hominy feed, corn feed meal, fine ground oats, wheat bran. O. P. linseed meal, alfalfa leaf meal, pure dried buttermilk, fish scrap, meat scrap, 3% Oberco Mineral Mixture (bone, charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide), $\frac{1}{2}$ of 1% salt.	As certified, -----	7127

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
6721	THE WHITE MILLING CO., BLOOMSBURG, PA.  Keystone Egg Producer Laying Mash with Buttermilk.	Perfection Roller Mills, Main- ville.	10.29	16.69	18.00
7090	WINFIELD MILLS, WINFIELD, PA.  Steese's Egg Mash, -----	Winfield Mills, Winfield, -----	9.00	20.75	19.00
6548	C. R. ZECHMAN, POTTSGROVE, PA.  Eat and Lay Egg Mash, -----	C. R. Zeehman, Pottsgrove,	9.45	22.38	20.00
6574	ROBERT E. ZIEGENFUSS, NORTH- AMPTON, PA.  Growing Mash with Dried Buttermilk, ..	Robert E. Ziegenfuss, North- ampton.	9.95	18.81	-----
6572	Laying Mash with Dried Buttermilk, ..	Robert E. Ziegenfuss, North- ampton.	11.17	18.50	-----
<u>ANIMAL BY-PRODUCTS</u>					
<u>MEAT AND BONE SCRAP</u>					
6113	AHRENS FERTILIZER CO., LOR- RAINE, PA.  Abren's Pure Beef Scrap, -----	Union Roller Mills, Ham- burg.	4.99	49.00	50.00
6894	THE AMERICAN AGRICULTURAL CHEMICAL CO., NEW YORK, N. Y.  Capital Meat and Bone Serap, -----	F. L. Heath, Corry, -----	6.77	45.44	45.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found Guaranteed	Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
	Found	Guaranteed	Found	Guaranteed				
4.29	% 4.00	% 8.84	% 6.00	\$ 3.75	Corn meal, alfalfa, oil meal, wheat middlings, wheat bran, beef scrap, buttermilk and Obereos Minerals (bone, charcoal, calcium carbonate), fish meal.	As certified, -----	6721	
5.67	4.50	6.79	7.00	3.30	Corn chop, wheat bran, wheat middlings, alfalfa meal, oil meal, feeding oat meal, beef scrap, fish meal, dried buttermilk, $\frac{3}{4}$ of 1% salt.	As certified, -----	7090	
5.25	6.00	6.81	5.00	3.10	Ground wheat screenings, ground corn, ground oats, middlings, bran, meat scrap, oil meal, fish meal, alfalfa meal, charcoal and salt.	As certified, -----	6548	
5.06	-----	7.03	-----	4.25	Corn meal, bran, middlings, buttermilk, beef scrap, alfalfa, bone meal, oyster shell, charcoal, salt.	As certified, -----	6574	
5.02	-----	7.50	-----	-----	Corn chop, bran, middlings, beef scrap, alfalfa, oats, buttermilk, charcoal, salt.	As certified, -----	6572	
13.02	10.00	1.04	1.62	4.50	-----	Beef scrap, -----	6113	
10.55	6.00	1.83	3.00	4.80	Meat and bone scrap, -----	As certified, -----	6894	

TABLE III--ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	THE BERG COMPANY, INC., PHILADELPHIA, PA.				
6284	Berg's 50% Protein Poultry Meat and Bone Scrap.	Shamokin Milling Co., Shamokin.	7.38	49.88	50.00
7126	Berg's 3 Medal Poultry Meat and Bone Scrap.	Engle's Mill, Inc., Hazleton,	6.05	47.75	45.00
	CONSOLIDATED BY-PRODUCTS CO., PHILADELPHIA, PA.				
6408	Consolidated Beef and Bone Scraps, ---	Hepler-McNaughton Co., New Alexandria.	7.49	45.75	45.00
6545	Consolidated Beef and Bone Scraps, ---	Wolfe & Huffman, Watson-town.	6.97	46.44	45.00
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
6923	Dold Quality Meat and Bone Meal, ----	J. B. Anderson Son, Shick-shinny.	5.50	50.19	46.00
6920	Dold Quality Meat and Bone Serap 45%,	J. B. Anderson Son, Shick-shinny.	6.84	47.31	45.00
6125	Dold Quality Meat and Bone Scrap 45%,	Thomas K. George, Homer City.	5.78	50.63	45.00
6870	Dold Quality Meat and Bone Scrap 45%,	E. J. Rogers, Emporium, --	5.76	46.88	45.00
6103	Dold Quality Meat and Bone Scrap 45%,	A. T. Sprankle, DuBois, ----	7.57	48.25	45.00
6921	Dold Quality Meat and Bone Scrap 50%,	J. B. Anderson Son, Shick-shinny.	5.92	49.88	50.00
7075	Dold Quality Meat and Bone Scrap 55%,	H. C. Hutchinson, Hydetown.	6.48	57.56	55.00
	MEAT PRODUCTS CO., CLEVELAND, OHIO				
6641	A-1 Brand Meat Scraps, -----	Franklin Feed & Supply Co., Franklin.	5.64	51.69	50.00
5980	A-1 Brand Meat Seraps, -----	Turner Brothers, Cambridge Springs.	9.49	50.44	50.00
7155	A-1 Brand Meat Seraps, -----	Westminster Supply Co., Erie.	4.70	51.13	50.00
	PITTSBURGH PROVISION & PACKING CO., PITTSBURGH, PA.				
6649	Keystone Brand Beef Scrap Meat and Bone.	Bandley & Torrey, Townville.	7.95	51.94	50.00
	READING BONE FERTILIZER CO., READING, PA.				
7078	Reading Meat Meal, -----	C. J. Miller, Calcium, -----	6.71	49.19	50.00
7184	Reading Meat Meal, -----	Tyrone Milling Co., Tyrone,	7.13	49.75	50.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fiber		Price per ton or cwt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number	
	Guaranteed	Found					
12.66	% 8.00	% 1.03	% 2.00	6.00	-----	Meat and bone scrap, large amount tankage and trace of hoof.	6284
11.75	8.00	1.36	3.00	80.00	Meat and bone scrap, -----	As certified, -----	7126
13.15	10.00	1.62	2.00	4.50	-----	Meat and bone scrap, -----	6408
13.26	10.00	1.60	2.00	4.50	-----	Meat and bone scrap, -----	6545
14.59	10.00	2.81	5.00	75.00	Meat and bone meal, -----	As certified, -----	6923
8.46	8.00	2.02	5.00	80.00	-----	Meat and bone scrap and trace of hoof meal.	6920
10.61	8.00	1.75	5.00	4.25	-----	Meat and bone scrap and trace of hoof meal.	6125
9.01	8.00	1.41	5.00	-----	-----	Meat and bone scrap and trace of hoof meal.	6870
10.25	8.00	1.84	5.00	4.25	-----	Meat and bone scrap and trace of hoof meal.	6103
9.24	8.00	1.66	5.00	85.00	Meat and bone scrap, -----	As certified, -----	6921
8.75	8.00	1.26	5.00	5.00	Meat and bone scrap, -----	Found also dried blood,	7075
11.22	6.00	1.13	3.00	4.75	Meat scraps, -----	Found also hoof meal,	6641
10.02	6.00	1.00	3.00	4.00	-----	Meat scraps, tankage and hoof.	5989
9.96	6.00	1.34	3.00	4.50	Meat scraps, -----	Found also large amount hoof.	7155
12.60	3.00	1.72	3.00	4.75	Meat and bone, -----	As certified, -----	6649
14.33	10.00	1.76	1.00	4.25	-----	Meat meal, -----	7078
14.27	10.00	1.57	1.00	85.00	Meat meal, -----	As certified, -----	7184

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	ROBERT A. REICHARD, INC., ALLEN TOWN, PA.				
6753	Reichard's High Grade Beef Serap, ----	Wm. K. Loos, Schuylkill Haven	4.60	50.88	55.00
6216	Reichard's High Grade Beef Serap, ----	Wayne Milling Co., Honesdale.	5.81	55.00	55.00
	CHAS. R. SHOEMAKER, INC., PHILADELPHIA, PA.				
6513	C. R. Shoemaker Echo Brand 45% Meat and Bone Serap.	H. B. Low & Son, Orangeville.	4.84	47.19	45-55
	SICKLER FERTILIZER WORKS, WILKES-BARRE, PA.				
6535	Sickler's Poultry Meat and Bone Serap,	Jonestown Roller Mills, Orangeville.	3.25	51.31	50.00
	JOHN T. STANLEY COMPANY, INC., NEW YORK, N. Y.				
7018	Stanley's 45% Protein Meat and Bone Serap for Poultry.	M. E. Herr, Schuyler, ----	5.65	47.25	45.00
6602	Stanley's 45% Protein Meat and Bone Serap for Poultry.	R'chard M. Holdren, Jerseytown.	6.08	48.69	45.00
6188	Stanley's 45% Protein Meat and Bone Serap for Poultry.	S. E. Rumpf, New Milford,--	7.99	42.00	45.00
6087	Stanley's 45% Protein Meat and Bone Serap for Poultry.	Sees Milling Co., Inc., Williamsport.	4.79	45.75	45.00
	S. STRUNZ & SON, INC., PITTSBURGH, PA.				
6811	Moreggs Meat and Bone Seraps, -----	J. A. Gault Co., Kittanning.	6.72	47.56	50.00
6129	Moreggs Meat and Bone Seraps, -----	Hebrick & Wilson, Indiana,	8.16	49.63	50.00
6195	Moreggs Meat and Bone Seraps, -----	Morrison Brothers, Bellevue,	6.37	48.88	50.00
5354	Moreggs Meat and Bone Seraps, -----	Oil City Milling Co., Oil City.	7.72	49.69	50.00
	SWIFT & COMPANY, NEWARK, N. J.				
6594	Swift's Fifty Five Meat and Bone Seraps.	City Feed Store, Titusville,--	7.24	55.00	55.00
7102	Swift's Fifty Five Meat and Bone Seraps.	H. L. Garrison & Brother, Berwick.	5.30	56.25	55.00
6261	Swift's Fifty Five Meat and Bone Seraps.	Titusville City Mills, Titusville.	5.45	58.09	55.00
7091	Swift's Laymore Meat Bone Serap, ----	Winfield Mills, Winfield, ----	5.10	48.00	45.00
6553	Swift's Laymore Meat Bone Serap, ----	C. R. Zehman, Pottsgrove,	5.63	51.13	45.00
6650	Swift's Meat and Bone Seraps, -----	New Florenece Flour Mills, New Florenece.	5.09	52.25	50.00
7115	Swift's Meat and Bone Seraps, -----	Orangeville Milling Co., Orangeville.	6.19	52.38	50.00
6612	Swift's Meat and Bone Seraps, -----	C. W. Stees, Lewisburg, ----	5.12	51.62	50.00
6211	Swift's Meat and Bone Seraps, -----	Wayne Milling Co., Honesdale.	5.42	50.44	50.00

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
10.63	% 6.00	% 1.02	% 3.00	\$ 4.75	-----	Beef scrap, -----	6753
9.15	6.00	1.62	3.00	100.00	Beef scrap, -----	As certified, -----	6216
12.53	10-15	1.86	2-3	4.25	-----	Meat and bone scrap and trace of hoof.	6513
13.63	10.00	1.27	3.00	4.00	-----	Meat and bone scrap,--	6535
10.01	10.00	1.34	3.00	3.90	-----	Meat and bone scrap,--	7018
10.63	10.00	1.88	3.00	4.25	-----	Meat and bone scrap,--	6602
12.22	10.00	1.31	3.00	85.00	Meat and bone scrap, -----	As certified, -----	6188
12.29	10.00	1.57	3.00	4.50	-----	Meat and bone scrap,--	6087
12.88	8.00	1.38	3.00	4.60	-----	Meat and bone scrap,--	6811
11.28	8.00	1.85	3.00	4.50	-----	Meat and bone scrap,--	6129
13.57	8.00	1.61	3.00	87.00	Meat and bone scrap, -----	As certified, -----	6195
14.14	8.00	1.42	3.00	4.65	-----	Meat and bone scrap,--	5994
10.91	6.00	2.10	3.00	5.75	Meat and bone seraps, -----	As certified, -----	6514
11.18	6.00	1.62	3.00	4.50	-----	Meat and bone scrap,--	7102
11.28	6.00	1.80	3.00	5.75	Meat and bone seraps, -----	As certified, -----	6261
10.51	6.00	1.37	3.00	4.15	-----	Meat and bone scrap,--	7091
12.10	6.00	1.80	3.00	4.75	-----	Meat and bone scrap,--	6553
9.98	6.00	1.24	3.00	5.00	-----	Meat and bone scrap --	6610
11.07	6.00	1.77	3.00	4.25	-----	Meat and bone scrap,--	7115
11.18	6.00	2.24	3.00	4.50	-----	Meat and bone scrap,--	6612
10.64	6.00	1.87	3.00	95.00	Meat and bone seraps, -----	As certified, -----	6217

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	<b>THEOBALD ANIMAL PRODUCTS REFINERY, KEARNY, N. J.</b>				
6427	Production Brand Meat-Bone Scraps,--	Moscow Milling Co., Moscow.	% 5.68	% 54.31	% 50.00
	<b>THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y.</b>				
6003	Vico High Protein Meat Scraps for Poultry.	Blank & Gottshall Co., Inc., Sunbury.	6.48	53.75	55.00
6002	Vico Pure Ground Meat Scraps for Poultry.	Blank & Gottshall Co., Inc., Sunbury.	7.30	47.25	45.00
6004	Vico Quality Meat Scraps for Poultry,	Blank & Gottshall Co., Inc., Sunbury.	6.58	53.69	50.00
		Average, -----	6.22	50.17	-----
	<b>FISH SCRAP</b>				
	<b>CENTRAL CHEMICAL CO., HAGERTOWN, MD.</b>				
7116	Gro-All Fish Meal, -----	Orangeville Milling Co., Orangeville.	7.44	60.56	55.00
	<b>FRED. E. LORD, ESPY, PA.</b>				
6719	Fish Meal, -----	Perfection Roller Mills, Mainville.	9.34	60.88	50.00
	<b>F. S. ROYSTER GUANO CO., BALTIMORE, MD.</b>				
7117	Royster's Fish Meal for Hogs, Poultry and Cattle.	Orangeville Milling Co., Orangeville.	9.57	61.19	58.00
	<b>CHAS. R. SHOEMAKER, INC., PHILADELPHIA, PA.</b>				
7026	C. R. Shoemaker Ground Fish 55%, --	Montour Mills, Bloomsburg,	5.67	49.56	55.00
7099	C. R. Shoemaker Ground Fish 55%, --	Paul T. Moyer, Winfield, -----	4.85	52.50	55.00
	<b>CHARLES M. STRUVEN &amp; CO., BALTIMORE, MD.</b>				
6878	Pure Ground Fish Meal, -----	C. R. Berger, Trout Run, --	9.05	56.81	55.00
6008	Pure Ground Fish Meal, -----	Blank & Gottshall Co., Inc., Sunbury.	9.97	57.19	55.00
7110	Pure Ground Fish Meal, -----	H. L. Garrison & Brother, Berwick.	4.86	63.56	55.00
6363	Pure Ground Fish Meal, -----	Mahoning Valley Milling Co., Punxsutawney.	6.34	56.88	55.00
6222	Pure Ground Fish Meal, -----	Wayne Milling Co., Honesdale.	7.45	57.13	55.00
6552	Pure Ground Fish Meal, -----	C. R. Zehman, Pottsgrove,	6.62	60.06	55.00
		Average, -----	7.37	57.85	-----

## FEEDING STUFFS COLLECTED IN 1928—Continued

Found % 10.03	Fat		Fiber		Price per ton or cwt. \$ 85.00	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	Guaranteed % 10.00	Found % 2.28	Guaranteed % 3.00	Found % 1.44	Guaranteed % 3.00			
						Meat-Bone scrap, -----	As certified, -----	6427
11.48	5.00	1.44	3.00	4.75	4.75	Animal products, -----	Meat scrap, -----	6003
10.94	5.00	2.71	3.00	4.25	4.25	Animal products, -----	Meat scrap, -----	6002
11.11	5.00	2.09	3.00	4.25	4.25	Animal products, -----	Meat scrap, -----	6004
11.45	-----	1.64	-----	90.33				
5.97	6.00	0.83	1.00	4.00	4.00	-----	Fish scrap, -----	7116
6.53	5.85	0.74	8.00	4.75	4.75	-----	Fish scrap, -----	6719
3.96	4.00	0.80	2.00	4.00	4.00	-----	Fish scrap, -----	7117
13.31	6.00	2.35	3.00	5.00	5.00	-----	Fish scrap, -----	7026
14.92	6.00	1.78	3.00	4.75	4.75	-----	Fish scrap, -----	7099
10.67	4.00	0.90	2.00	95.00	95.00	-----	Fish scrap, -----	6878
8.93	4.00	1.01	2.00	4.50	4.50	-----	Fish scrap, -----	6008
6.71	4.00	0.67	2.00	4.70	4.70	Pure ground fish meal, -----	As certified, -----	7110
12.07	4.00	0.71	2.00	4.75	4.75	-----	Fish scrap, -----	6363
11.53	4.00	1.34	2.00	90.00	90.00	Pure ground fish meal, -----	As certified, -----	6222
11.07	4.00	0.67	2.00	4.40	4.40	-----	Fish scrap, -----	6552
9.61	-----	1.07	-----	91.20				

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
<u>TANKAGE</u>					
	ANIMAL RENDERING COMPANY, PHILADELPHIA, PA.				
6428	60% Digester Tankage for Hogs, -----	Moscow Milling Co., Moscow.	%	8.91	51.25
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
6922	Dold Quality Digester Tankage, -----	J. B. Anderson Son, Shiekh-shiny.	%	6.94	61.94
6694	Dold Quality Digester Tankage, -----	F. M. Edwards, Sheloeta, --	%	10.22	60.44
7017	Dold Quality Digester Tankage, -----	M. E. Hert, Schuyler, -----	%	7.53	58.50
7076	Dold Quality Digester Tankage, -----	H. C. Hutchinson, Hydetown.	%	8.35	65.19
6514	Dold Quality Digester Tankage, -----	H. B. Low & Son, Orangeville.	%	8.46	65.50
	A. F. REES, HANOVER, PA.				
6296	Pure High Protein Tankage, -----	S. Book & Brother, Quarryville.	%	4.78	47.44
	SEABOARD PRODUCTS CO., BALTIMORE, MD.				
6377	60% Digester Tankage, -----	D. E. Horn & Co., York, --	%	4.80	51.94
	SWIFT & COMPANY, NEWARK, N. J.				
6726	Swift's Digester Tankage, -----	Asb Brothers, Briar Creek,--	%	8.04	60.69
7103	Swift's Digester Tankage, -----	H. L. Garrison & Brother, Berwick.	%	8.15	62.13
	THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y.				
6005	Vico Digester Tankage for Hogs, -----	Blank & Gottshall Co., Inc., Sunbury.	%	5.31	72.00
	F. L. WINNER, LOCK HAVEN, PA.				
6601	Winner Brand Tankage Pig Food, -----	Richard M. Holdren, Jerseytown.	%	4.90	43.19
		Average, -----	%	7.20	58.35
<u>POULTRY BONE</u>					
	BAUGH & SONS CO., PHILADELPHIA, PA.				
6220	Baugh's Sterilized Steamed Bone for Feeding.	Wayne Milling Co., Honesdale.	%	5.03	7.31
			%	5.00	

## FEEDING STUFFS COLLECTED IN 1928—Continued

Fat Found	Fat Guaranteed		Fiber Found		Price per ton or cwt. Guaranteed	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
	%	%	%	%				
9.67	8.00	1.87	3.00	90.00	\$	Digester tankage, -----	As certified, -----	6428
7.65	7.00	1.18	5.00	85.00	\$	Digester tankage, -----	As certified, -----	6922
7.08	7.00	0.77	5.00	4.00	\$	Digester tankage, -----	Digester tankage, -----	6694
7.02	7.00	1.00	5.00	4.50	\$	Digester tankage, -----	Digester tankage, -----	7017
8.50	7.00	1.91	5.00	4.50	\$	Digester tankage, -----	Digester tankage, -----	7076
8.46	7.00	1.70	5.00	4.40	\$	Digester tankage, -----	Digester tankage, -----	6514
16.10	12.50	1.97	2.75	-----	\$	Digester tankage, -----	Digester tankage, -----	6296
15.66	5.00	2.79	4.00	84.00	\$	Digester tankage, -----	Digester tankage, -----	6377
5.58	5.00	0.85	3.00	4.50	\$	Digester tankage, -----	Digester tankage, -----	6726
6.47	5.00	0.88	3.00	4.00	\$	Digester tankage, -----	Digester tankage, -----	7103
5.95	1.00	1.86	3.50	4.25	\$	Animal products, -----	Digester tankage, -----	6005
14.14	14.25	2.10	2.00	2.60	\$	Tankage and hoof meal.	Tankage and hoof meal.	6601
9.56	-----	1.57	-----	88.10	\$			
0.69	1.00	-----	4.00	50.00	\$	Sterilized and steam bone. ---	As certified, -----	6220

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
	DARLING & CO., CHICAGO, ILL.				
6241	Special Bone Meal, -----	Farmers' Exchange, Indiana,	4.37	13.00	10.00
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
6925	Dold Quality Poultry Bone, -----	J. B. Anderson Son, Shick-shinny.	6.94	24.69	24.00
6760	Dold Quality Poultry Bone, -----	Big Run Milling Co., Big Run.	8.90	27.88	24.00
	SWIFT & COMPANY, NEWARK, N. J.				
7109	Swift's Poultry Bone Meal, -----	H. L. Garrison & Brother, Berwick.	7.14	26.56	25.00
		Average, -----	6.48	19.89	-----

## FEEDING STUFFS COLLECTED IN 1928—Concluded

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
5.43	6.50	-----	-----	4.00	-----	Bone meal, -----	6241
4.59	2.00	1.26	5.00	80.00	Poultry bone, -----	Bone meal, -----	6925
5.73	2.00	3.80	5.00	2.75	-----	Bone meal, -----	6700
1.10	2.00	5.73	3.60	4.00	-----	Bone meal, -----	7169
3.51	-----	3.59	-----	65.00	-----		

